

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138114.D
 Acq On : 03 Jun 2024 18:55
 Operator : CG\JU
 Sample : P2560-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BKG-1

Quant Time: Jun 04 04:51:03 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)

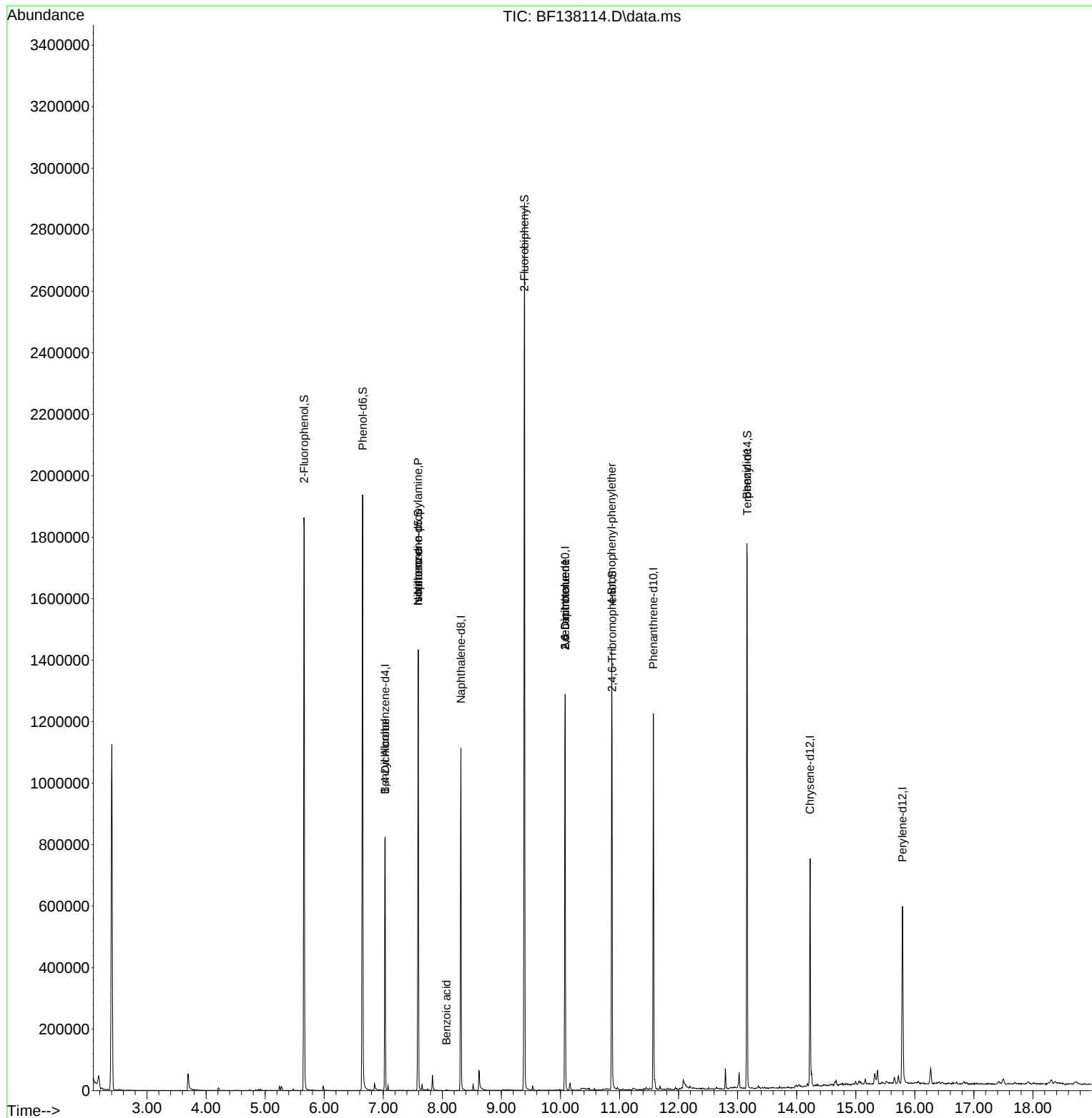
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	133497	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	505960	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	279437	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	423723	20.000	ng	0.00
76) Chrysene-d12	14.227	240	239953	20.000	ng	-0.01
86) Perylene-d12	15.792	264	287769	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	575787	77.103	ng	0.00
7) Phenol-d6	6.651	99	711912	74.030	ng	-0.01
23) Nitrobenzene-d5	7.592	82	434973	50.095	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	189838	58.242	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	910845	48.317	ng	0.00
79) Terphenyl-d14	13.163	244	678378	40.894	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.028	79	3358	5.792	ng	# 34
19) n-Nitroso-di-n-propyla...	7.592	70	56945	10.212	ng	# 77
25) Isophorone	7.592	82	434967	29.036	ng	# 62
32) Benzoic acid	8.069	122	209	7.826	ng	# 86
51) 2,6-Dinitrotoluene	10.080	165	36608	8.612	ng	# 33
57) 2,4-Dinitrotoluene	10.080	165	36608	6.530	ng	# 31
67) 4-Bromophenyl-phenylether	10.869	248	12199	2.456	ng	# 1
77) Benzidine	13.157	184	7851	5.225	ng	# 92

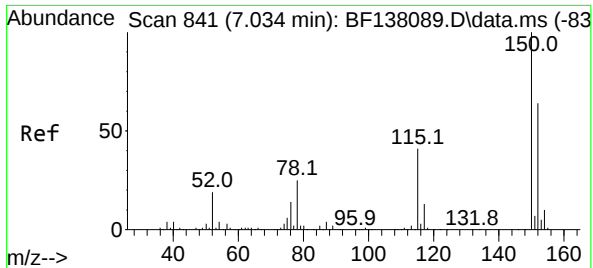
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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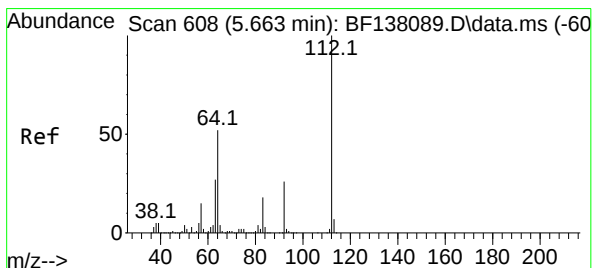
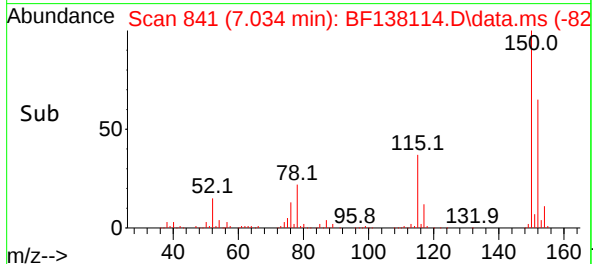
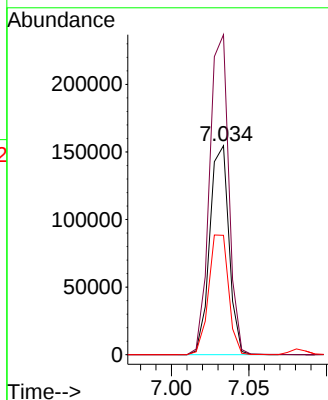
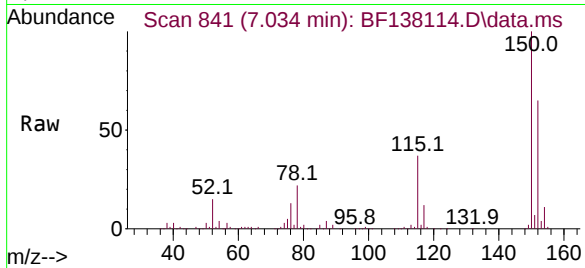




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

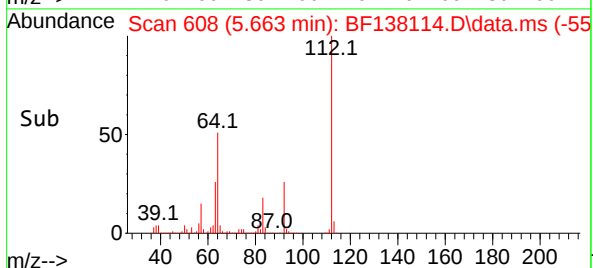
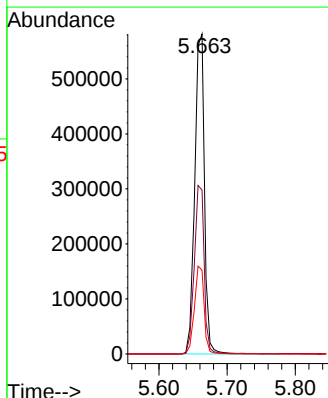
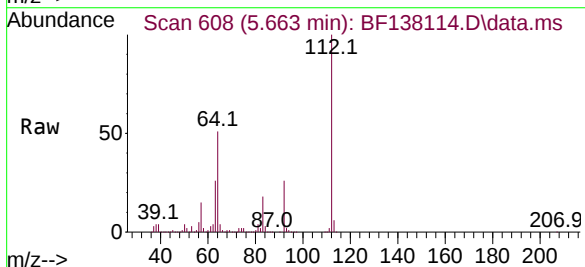
Instrument :
BNA_F
ClientSampleId :
BKG-1

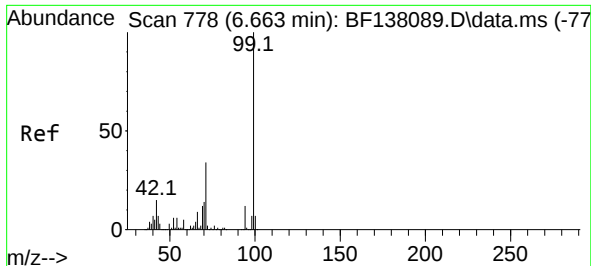
Tgt Ion:152 Resp: 133497
Ion Ratio Lower Upper
152 100
150 153.1 125.4 188.0
115 57.1 51.6 77.4



#5
2-Fluorophenol
Concen: 77.103 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

Tgt Ion:112 Resp: 575787
Ion Ratio Lower Upper
112 100
64 51.2 41.4 62.2
63 26.2 21.5 32.3

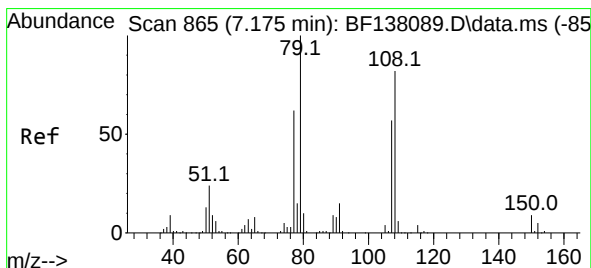
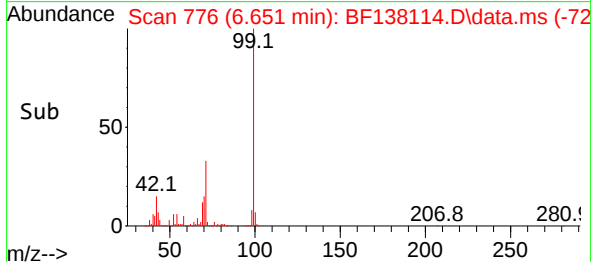
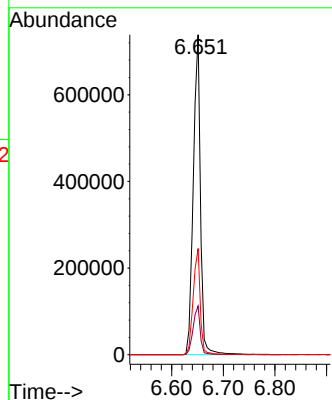
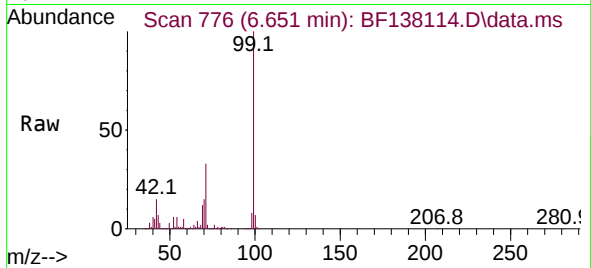




#7
Phenol-d6
Concen: 74.030 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

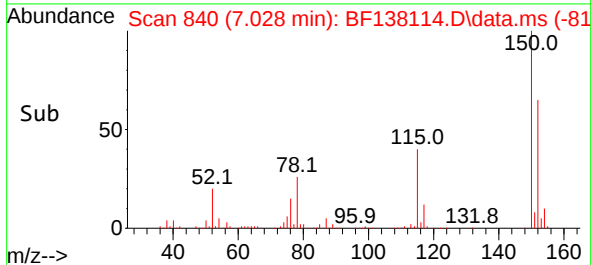
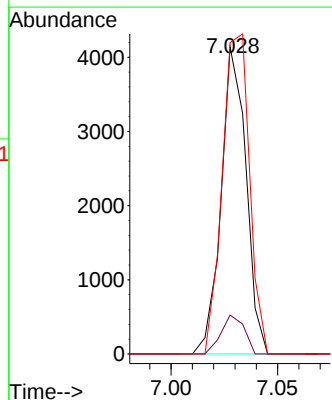
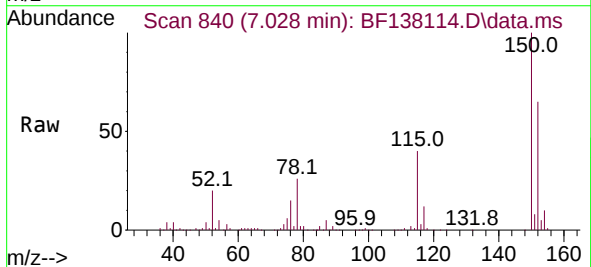
Instrument :
BNA_F
ClientSampleId :
BKG-1

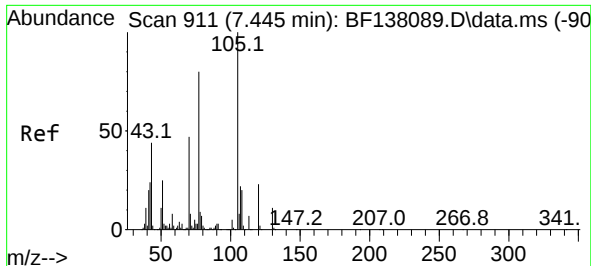
Tgt Ion: 99 Resp: 711912
Ion Ratio Lower Upper
99 100
42 15.2 11.9 17.9
71 33.2 26.8 40.2



#15
Benzyl Alcohol
Concen: 5.792 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.147 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

Tgt Ion: 79 Resp: 3358
Ion Ratio Lower Upper
79 100
108 12.7 65.5 98.3#
77 101.4 49.6 74.4#





#19

n-Nitroso-di-n-propylamine

Concen: 10.212 ng

RT: 7.592 min Scan# 911

Delta R.T. 0.147 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BKG-1

Tgt Ion: 70 Resp: 56945

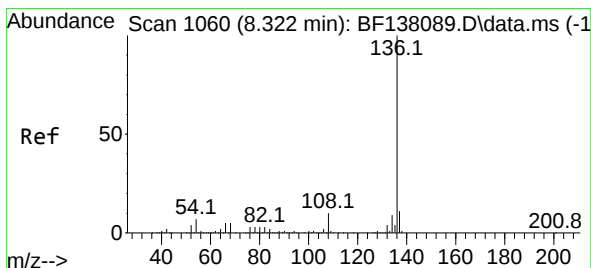
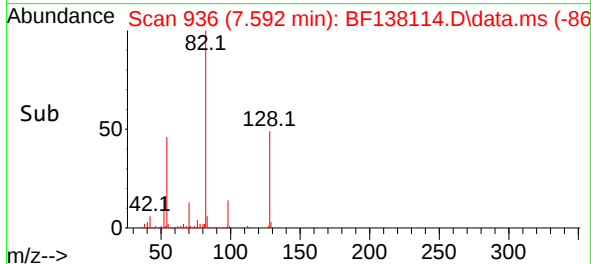
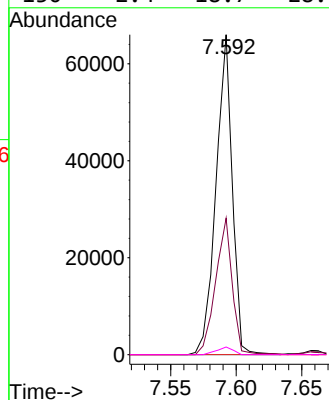
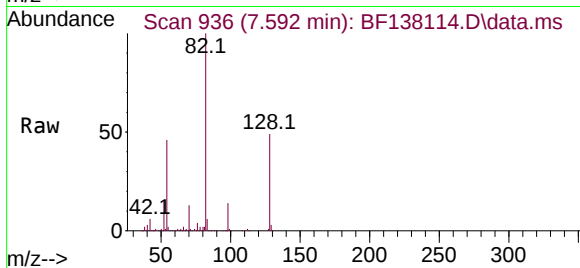
Ion Ratio Lower Upper

70 100

42 42.6 41.4 62.0

101 0.0 8.1 12.1#

130 2.4 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: BF138114.D

Acq: 03 Jun 2024 18:55

Tgt Ion: 136 Resp: 505960

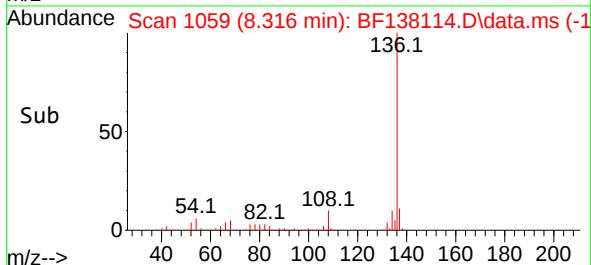
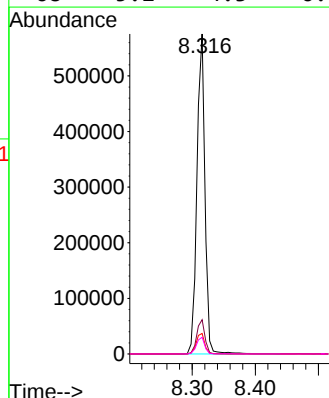
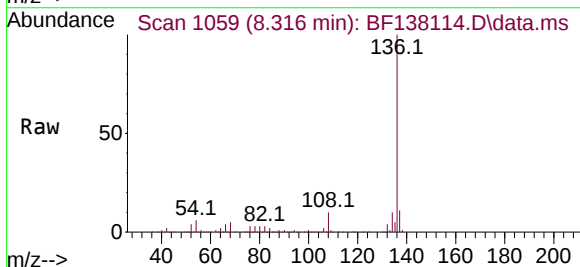
Ion Ratio Lower Upper

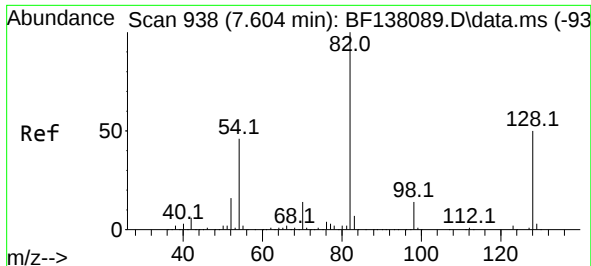
136 100

137 10.7 8.7 13.1

54 6.4 5.4 8.0

68 5.2 4.3 6.5

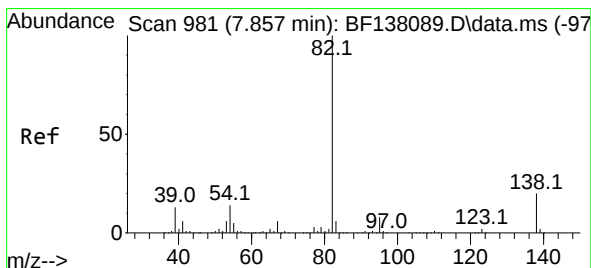
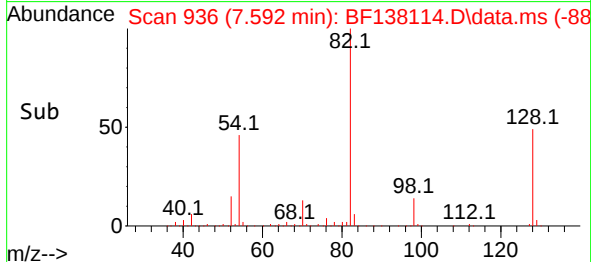
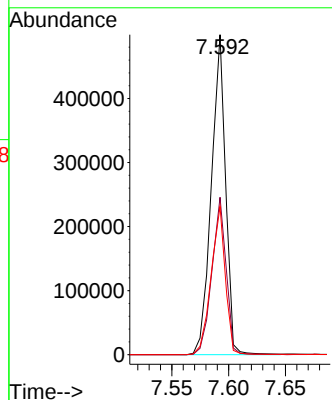
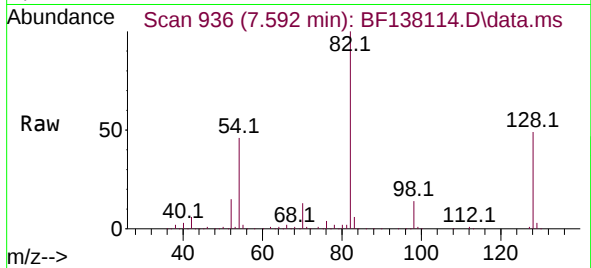




#23
Nitrobenzene-d5
Concen: 50.095 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

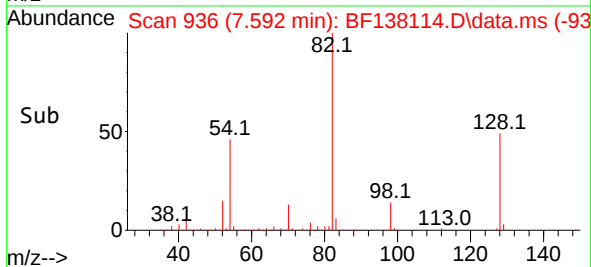
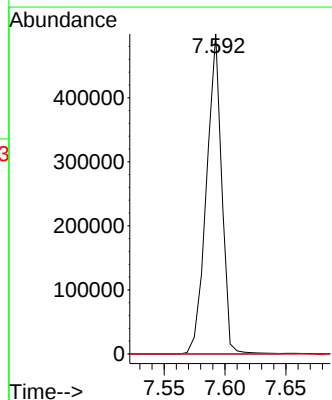
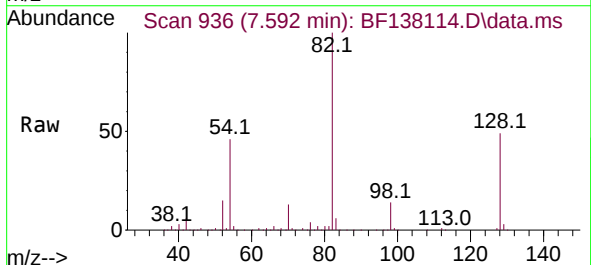
Instrument :
BNA_F
ClientSampleId :
BKG-1

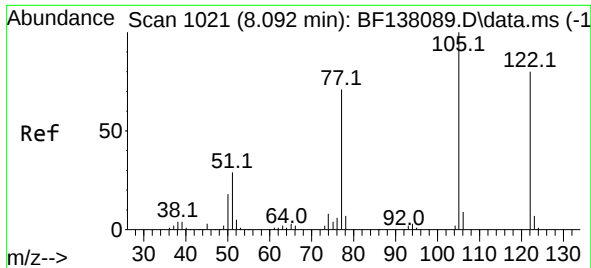
Tgt Ion: 82 Resp: 434973
Ion Ratio Lower Upper
82 100
128 49.2 39.9 59.9
54 46.4 37.0 55.4



#25
Isophorone
Concen: 29.036 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.265 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

Tgt Ion: 82 Resp: 434967
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#

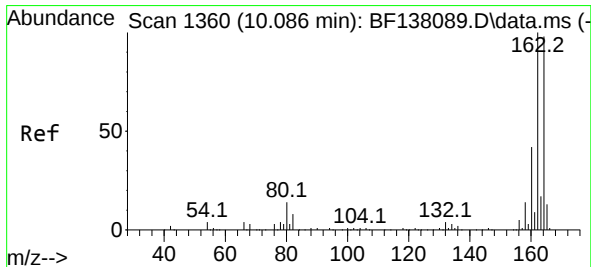
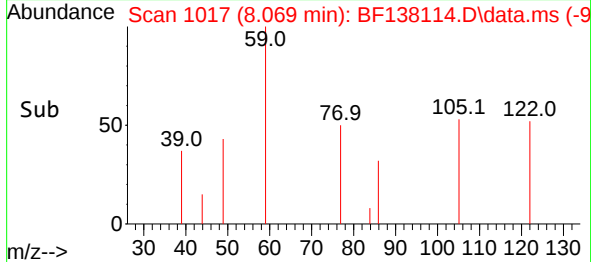
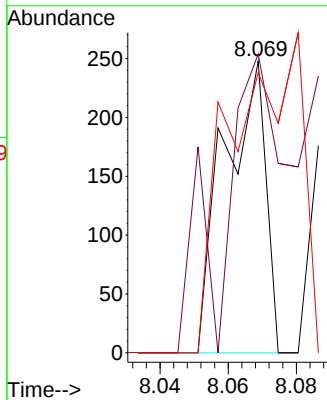
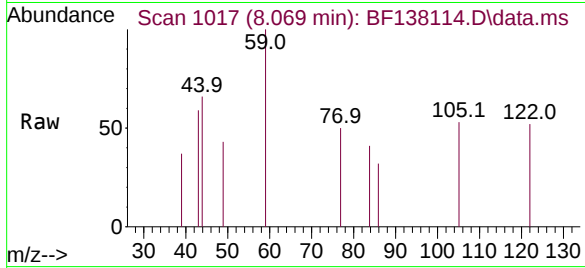




#32
Benzoic acid
Concen: 7.826 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.023 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

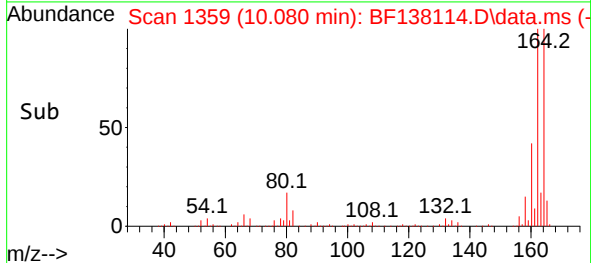
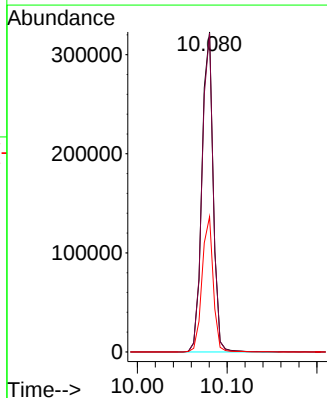
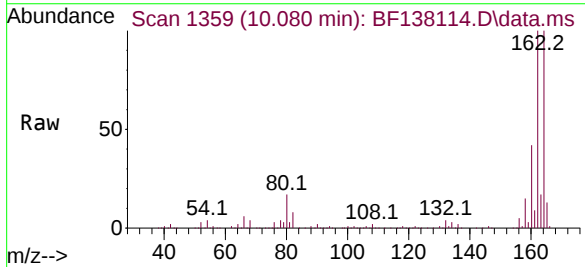
Instrument :
BNA_F
ClientSampleId :
BKG-1

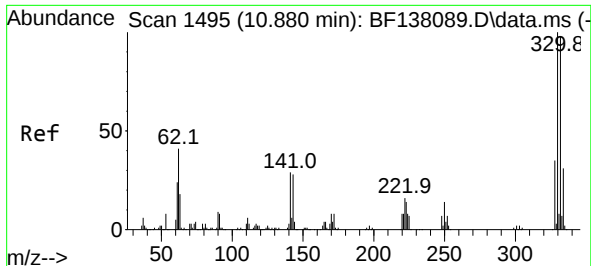
Tgt Ion:122 Resp: 209
Ion Ratio Lower Upper
122 100
105 102.4 102.3 142.3
77 96.0 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

Tgt Ion:164 Resp: 279437
Ion Ratio Lower Upper
164 100
162 99.6 81.7 122.5
160 42.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 58.242 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BKG-1

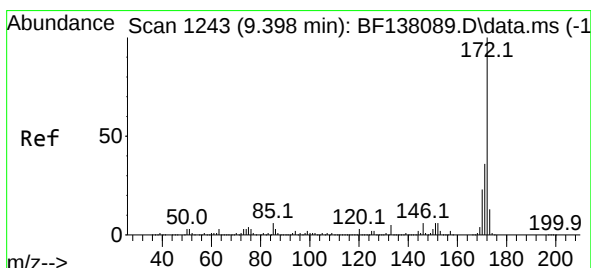
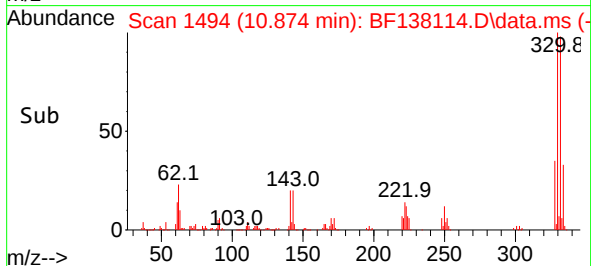
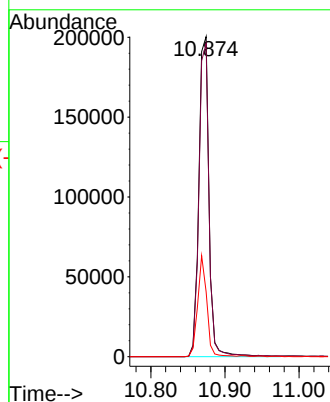
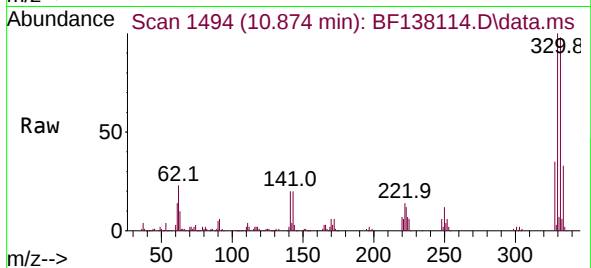
Tgt Ion:330 Resp: 189838

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 28.2 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 48.317 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

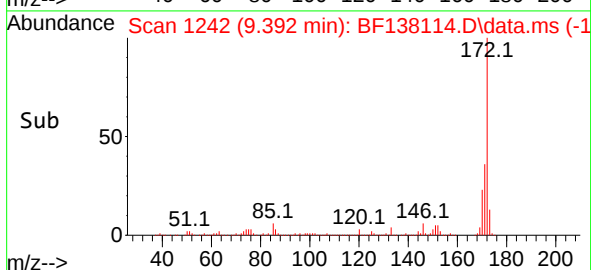
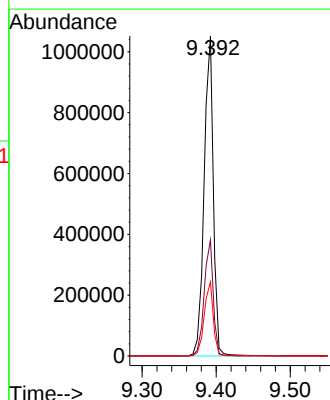
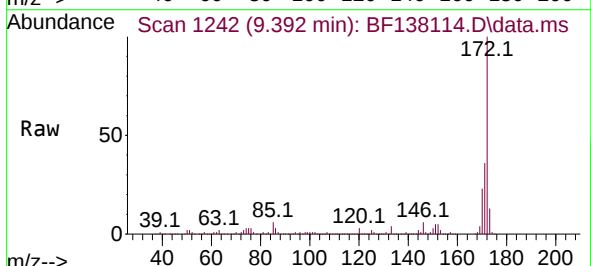
Tgt Ion:172 Resp: 910845

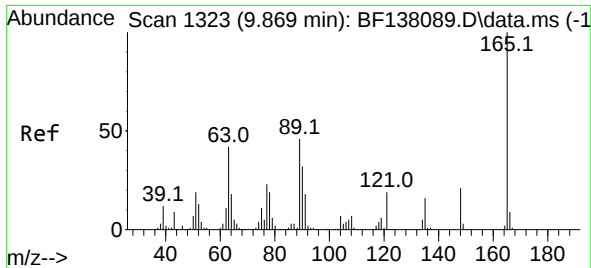
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.2 18.6 28.0

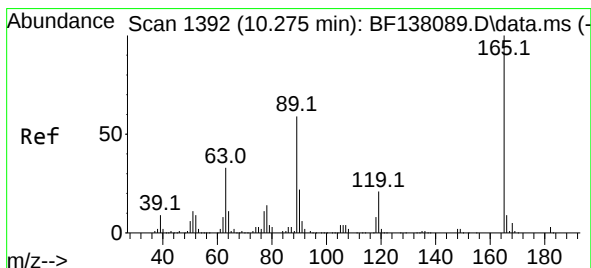
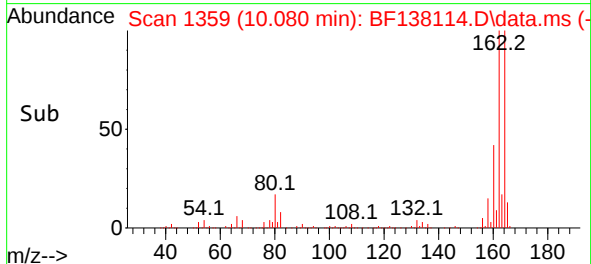
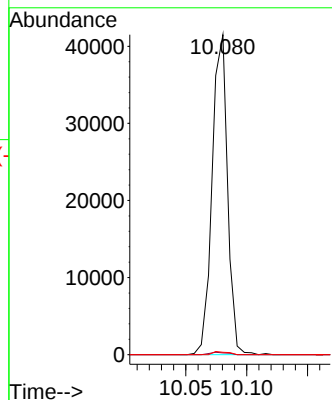
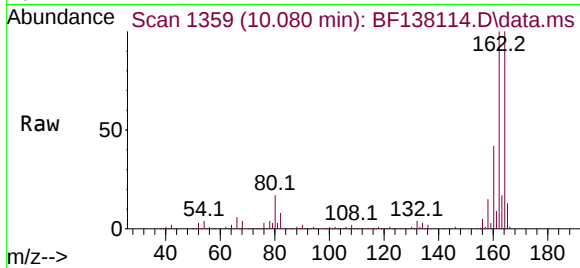




#51
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

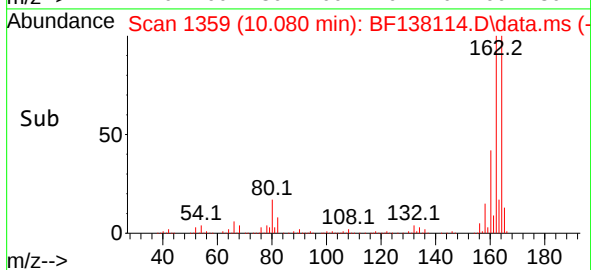
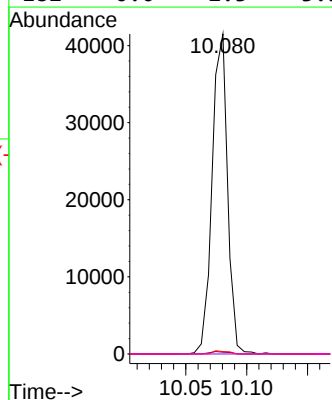
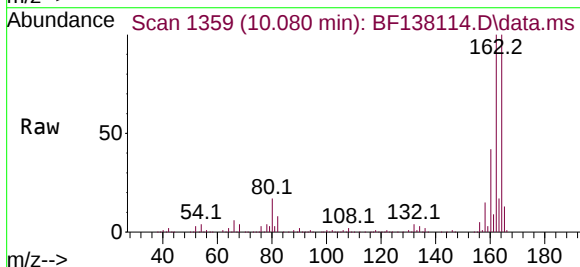
Instrument :
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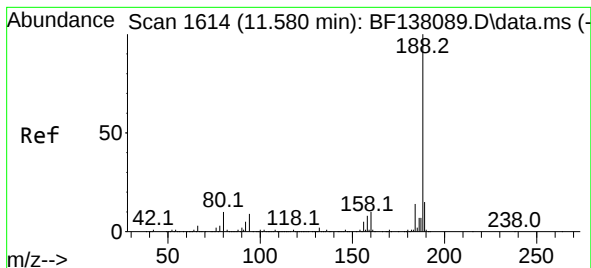
Tgt Ion:165 Resp: 36608
Ion Ratio Lower Upper
165 100
63 0.6 34.6 51.8#
89 0.8 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138114.D
Acq: 03 Jun 2024 18:55

Tgt Ion:165 Resp: 36608
Ion Ratio Lower Upper
165 100
63 0.6 27.4 41.0#
89 0.8 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: BF138114.D

Acq: 03 Jun 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BKG-1

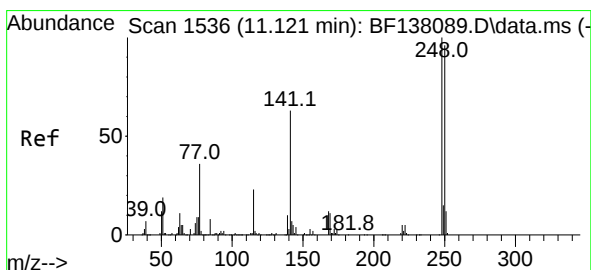
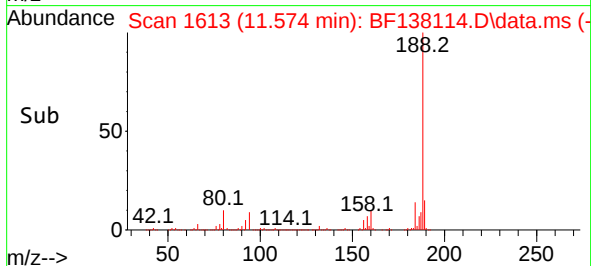
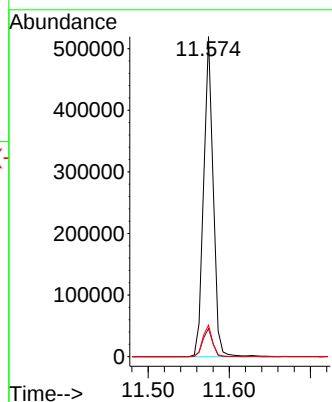
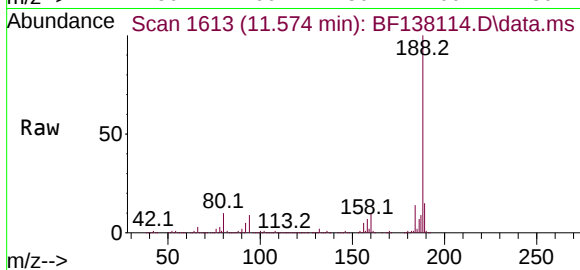
Tgt Ion:188 Resp: 423723

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.0

80 9.8 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 2.456 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.253 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

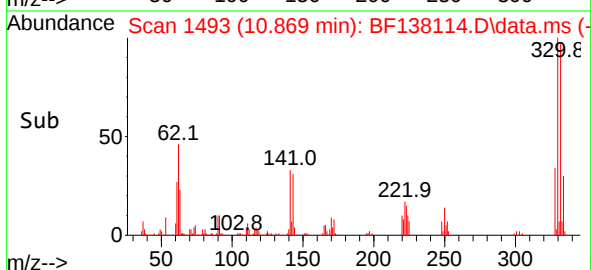
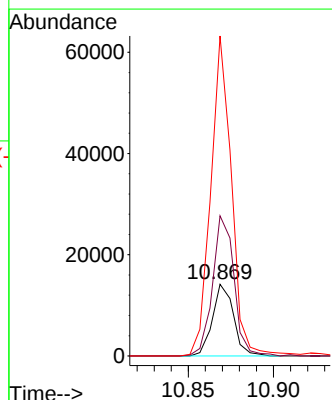
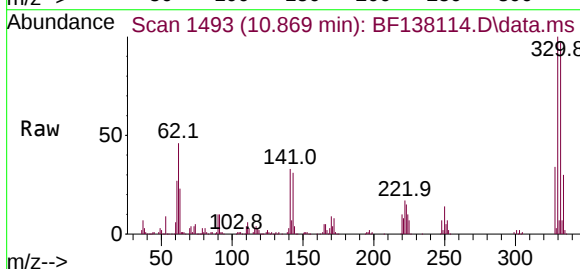
Tgt Ion:248 Resp: 12199

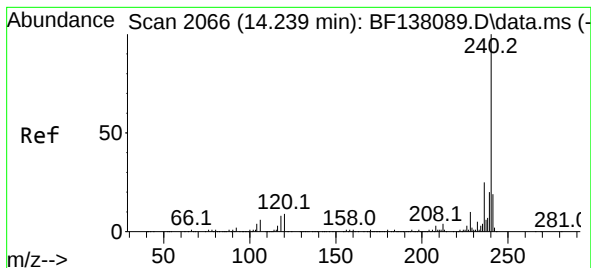
Ion Ratio Lower Upper

248 100

250 195.7 77.2 115.8#

141 446.8 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: BF138114.D

Acq: 03 Jun 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BKG-1

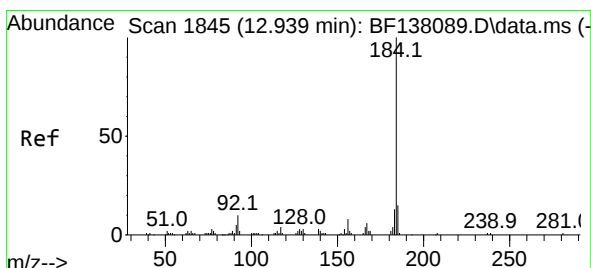
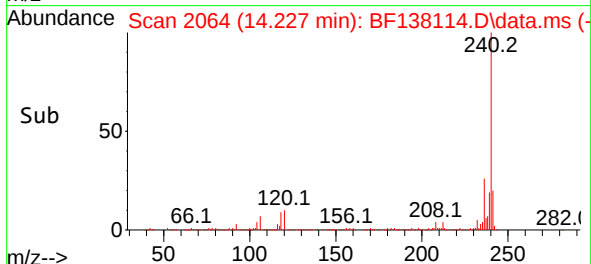
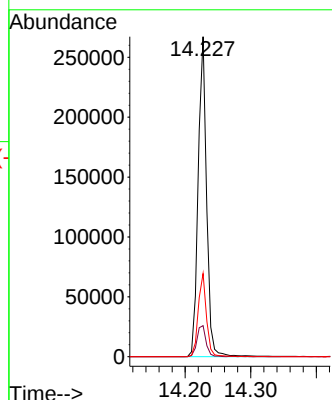
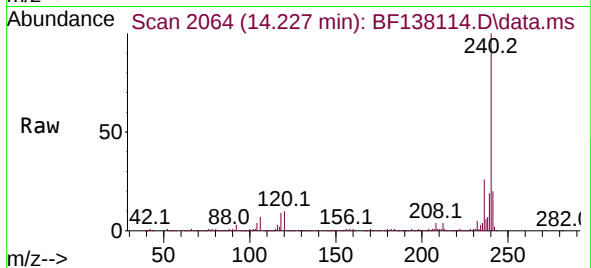
Tgt Ion:240 Resp: 239953

Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

236 26.0 20.4 30.6



#77

Benzidine

Concen: 5.225 ng

RT: 13.157 min Scan# 1882

Delta R.T. 0.218 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

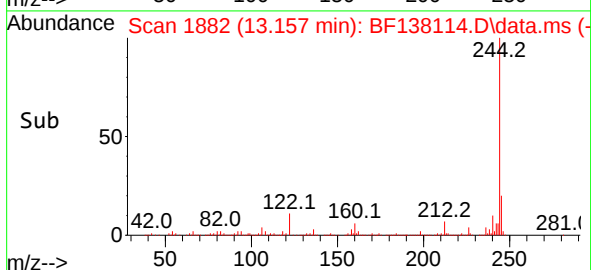
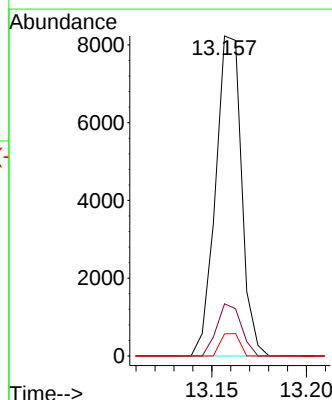
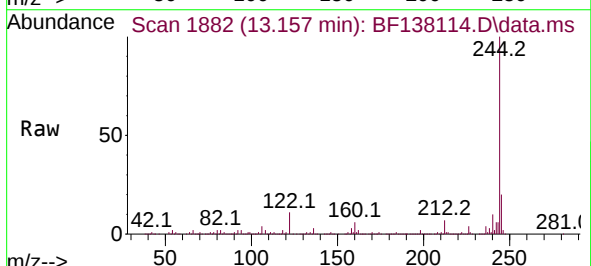
Tgt Ion:184 Resp: 7851

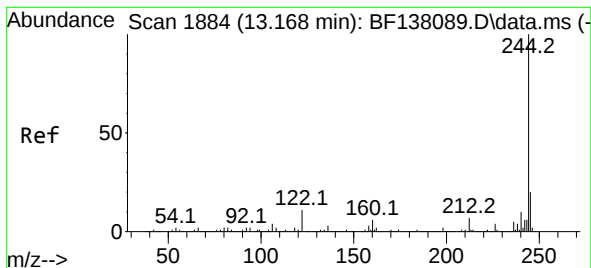
Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

183 6.9 10.2 15.4#





#79

Terphenyl-d14

Concen: 40.894 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.006 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BKG-1

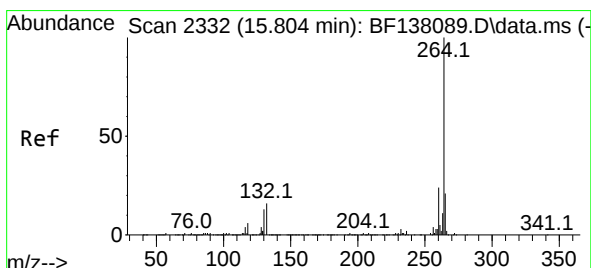
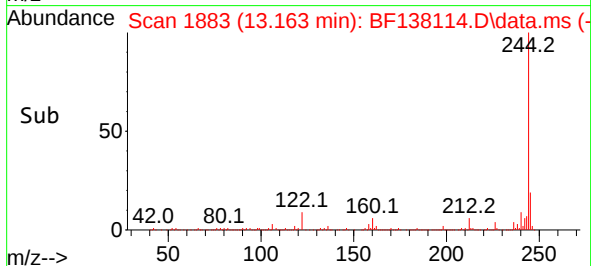
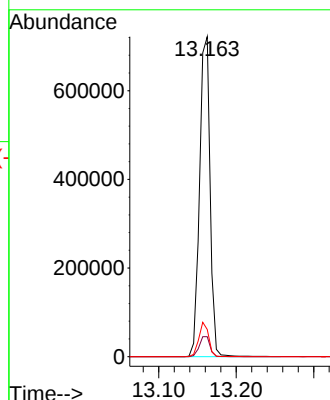
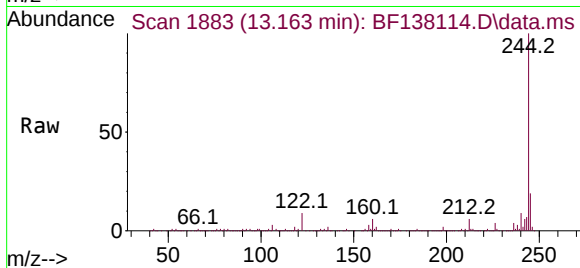
Tgt Ion:244 Resp: 678378

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 8.5 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. -0.012 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

Tgt Ion:264 Resp: 287769

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 21.7 16.7 25.1

