

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133304.D
 Acq On : 08 May 2023 20:13
 Operator : CG\JU
 Sample : 02659-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SMALL-PAD

Quant Time: May 09 05:08:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

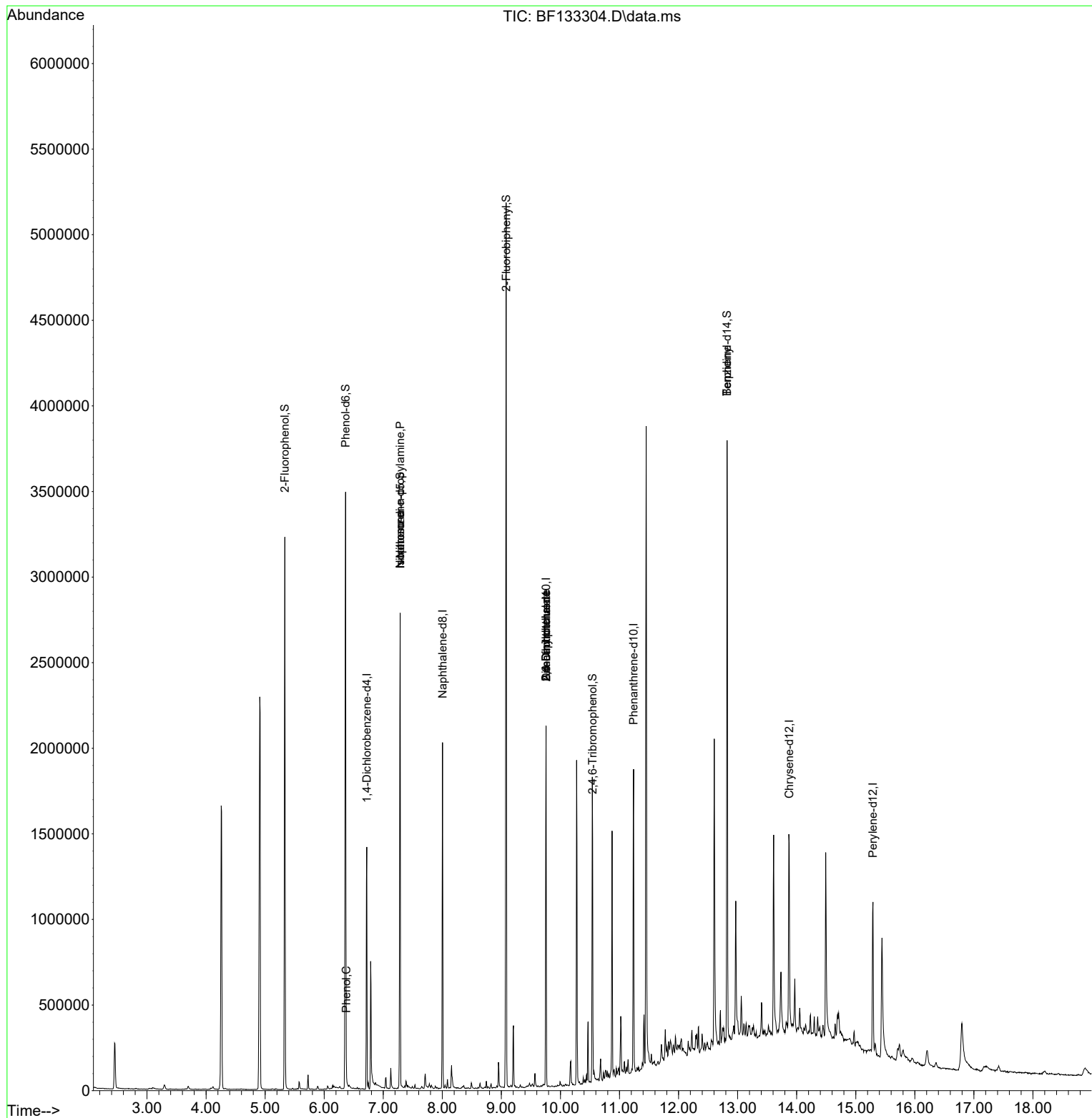
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	201400	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	771864	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	383829	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	616407	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	340801	20.000	ng	0.00
86) Perylene-d12	15.292	264	382469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	844505	63.342	ng	0.00
7) Phenol-d6	6.363	99	1139894	68.883	ng	0.00
23) Nitrobenzene-d5	7.287	82	784118	54.834	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	193758	50.195	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1434832	62.540	ng	0.00
79) Terphenyl-d14	12.821	244	1191013	60.273	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	1348	Below Cal	#	86
10) Phenol	6.375	94	37995	2.081	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	104550	10.148	ng	# 75
25) Isophorone	7.287	82	782625	28.825	ng	# 63
50) Dimethylphthalate	9.757	163	77104	2.881	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	49547	8.225	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	49547	6.450	ng	# 23
77) Benzidine	12.821	184	15115	2.623	ng	94

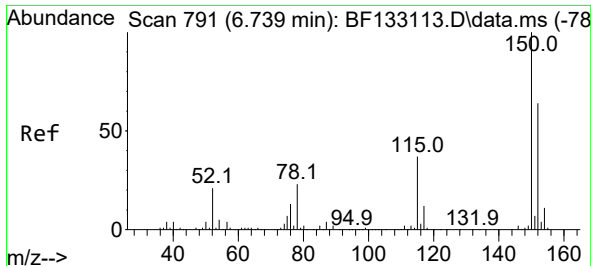
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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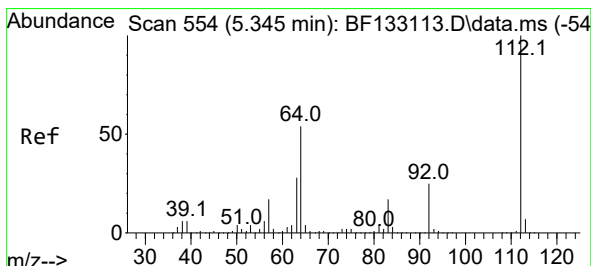
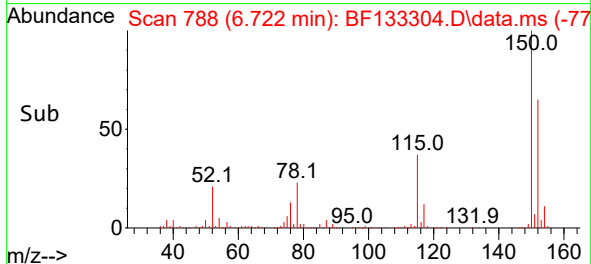
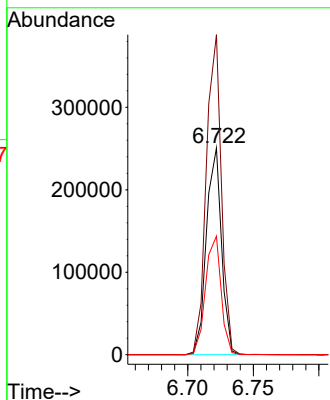
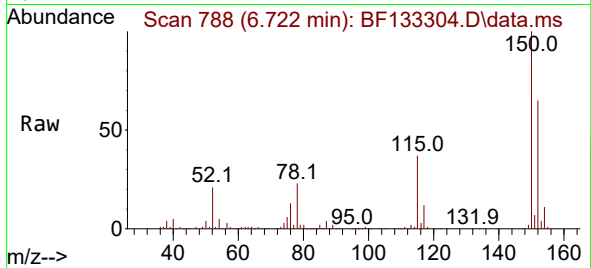




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133304.D
 Acq: 08 May 2023 20:13

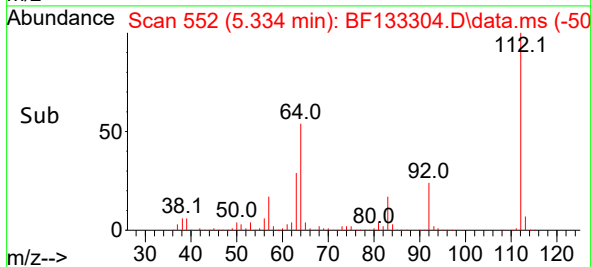
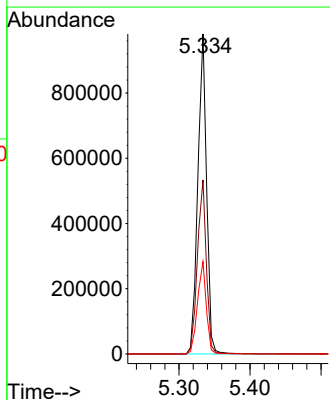
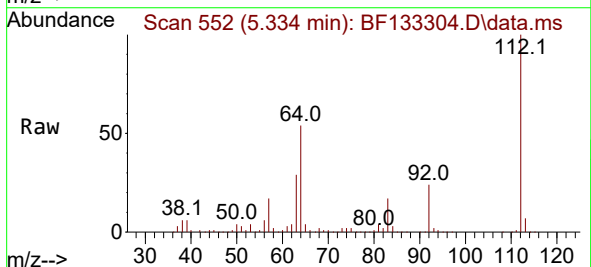
Instrument :
 BNA_F
 ClientSampleId :
 SMALL-PAD

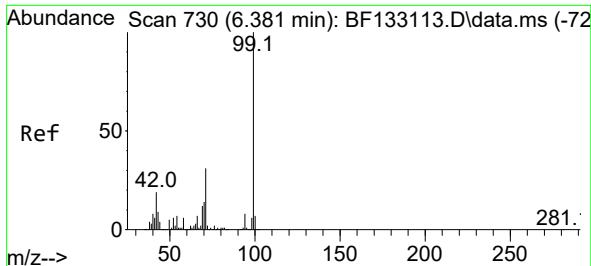
Tgt Ion:152 Resp: 201400
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.8 187.2
 115 57.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.342 ng
 RT: 5.334 min Scan# 552
 Delta R.T. 0.006 min
 Lab File: BF133304.D
 Acq: 08 May 2023 20:13

Tgt Ion:112 Resp: 844505
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.8 70.2
 63 28.8 23.8 35.8

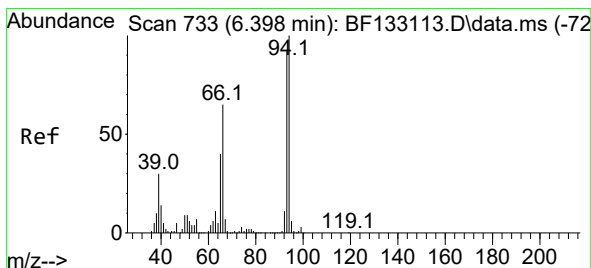
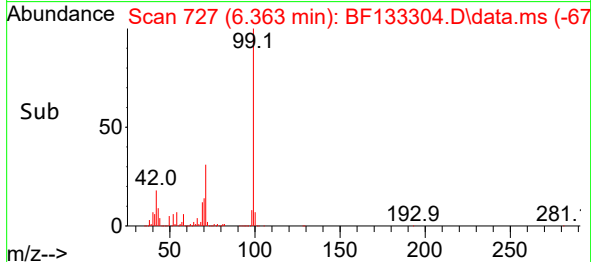
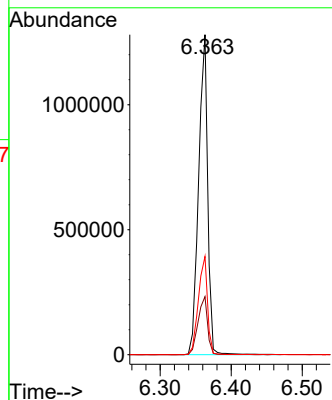
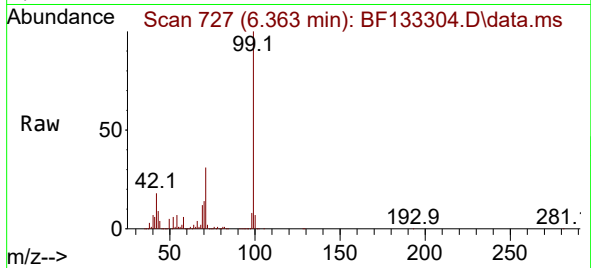




#7
Phenol-d6
Concen: 68.883 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

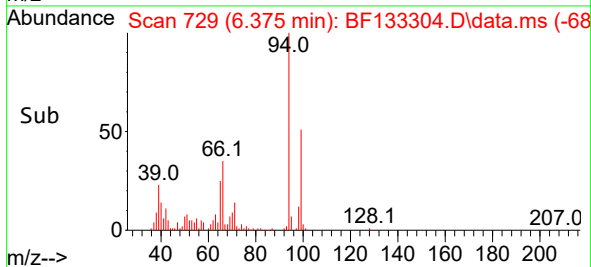
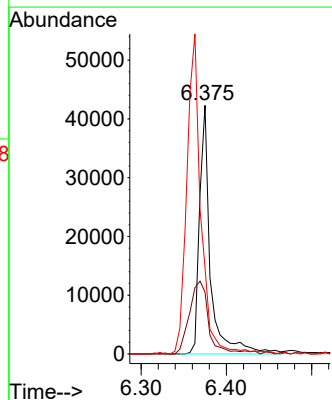
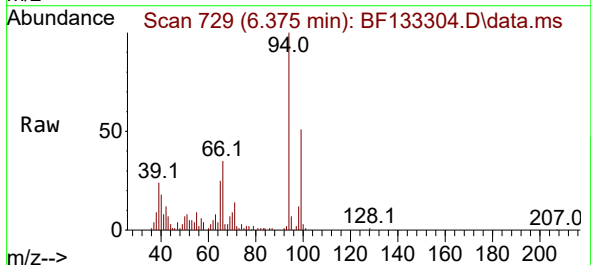
Instrument :
BNA_F
ClientSampleId :
SMALL-PAD

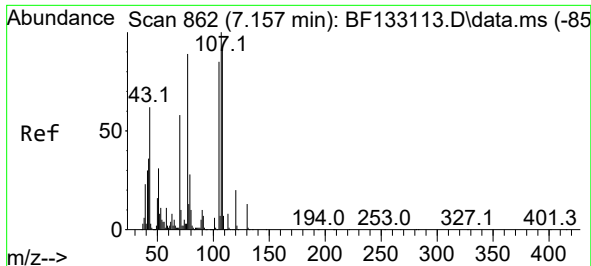
Tgt Ion: 99 Resp: 1139894
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 30.7 25.6 38.4



#10
Phenol
Concen: 2.081 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

Tgt Ion: 94 Resp: 37995
Ion Ratio Lower Upper
94 100
65 24.9 8.6 48.6
66 34.9 17.3 57.3

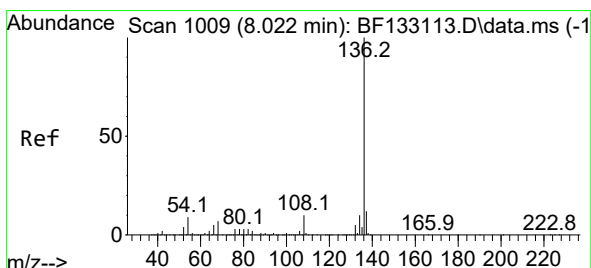
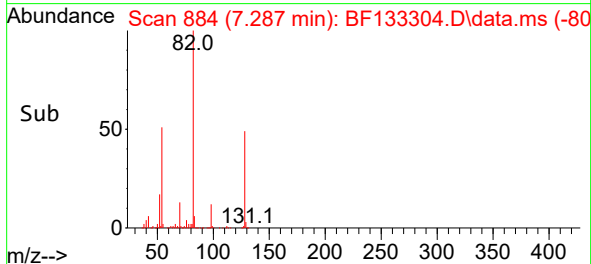
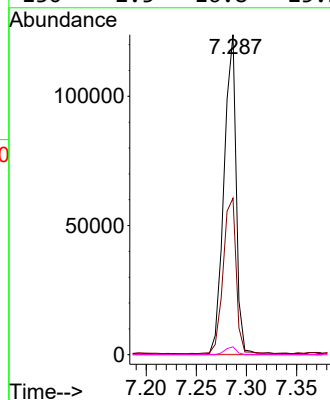
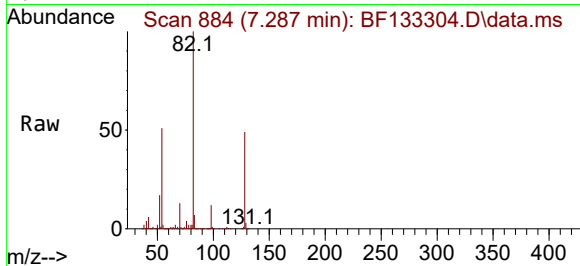




#19
n-Nitroso-di-n-propylamine
Concen: 10.148 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

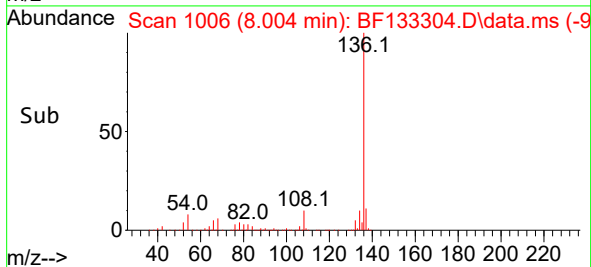
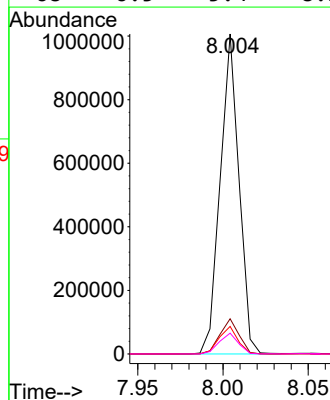
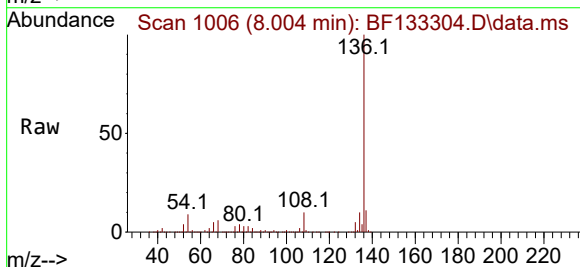
Instrument :
BNA_F
ClientSampleId :
SMALL-PAD

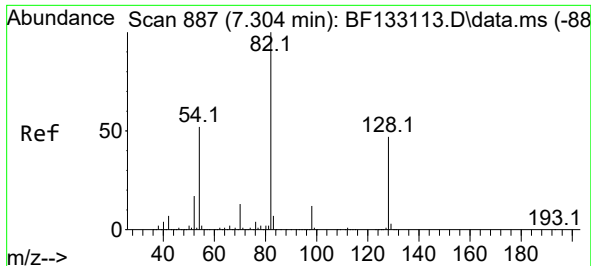
Tgt Ion: 70 Resp: 104550
Ion Ratio Lower Upper
70 100
42 48.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

Tgt Ion: 136 Resp: 771864
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 7.0 10.4
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 54.834 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133304.D

Acq: 08 May 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SMALL-PAD

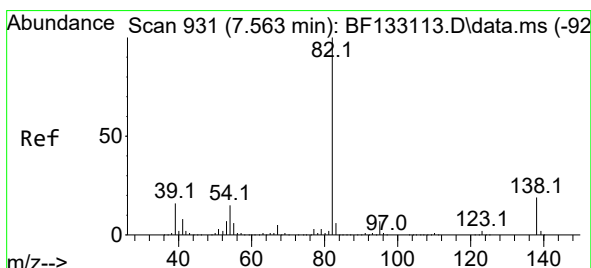
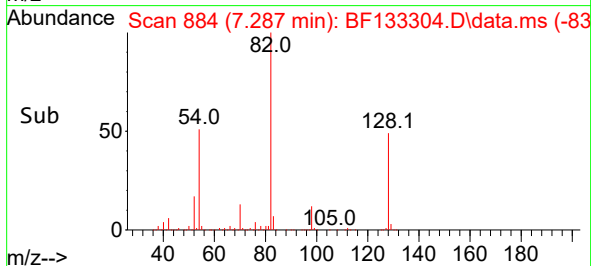
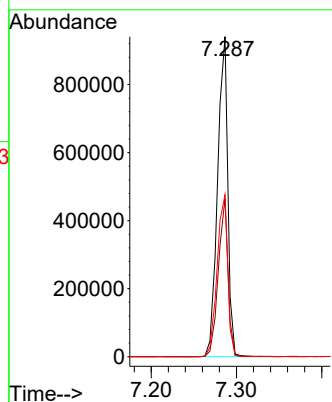
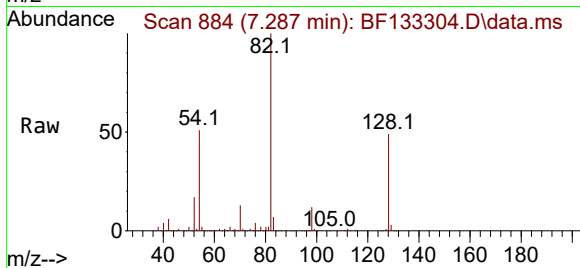
Tgt Ion: 82 Resp: 784118

Ion Ratio Lower Upper

82 100

128 49.4 37.7 56.5

54 50.6 43.0 64.4



#25

Isophorone

Concen: 28.825 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF133304.D

Acq: 08 May 2023 20:13

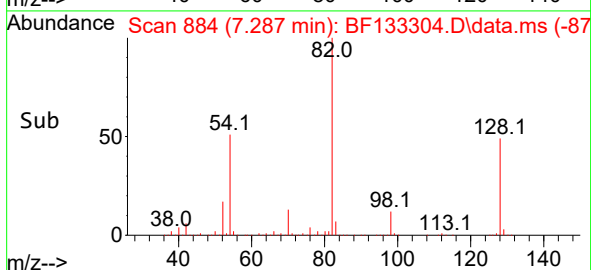
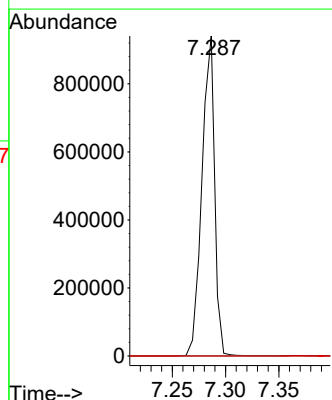
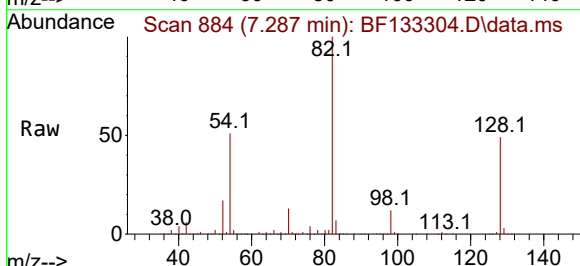
Tgt Ion: 82 Resp: 782625

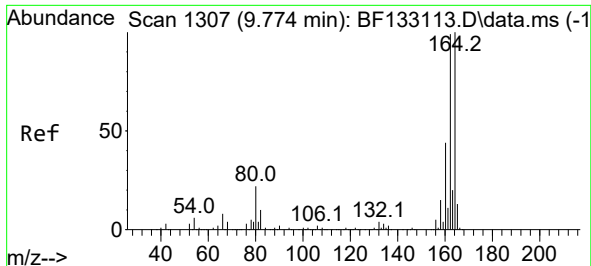
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 16.0 24.0#

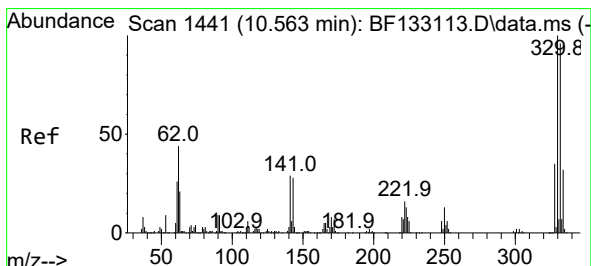
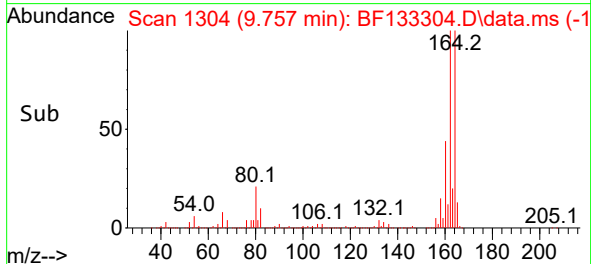
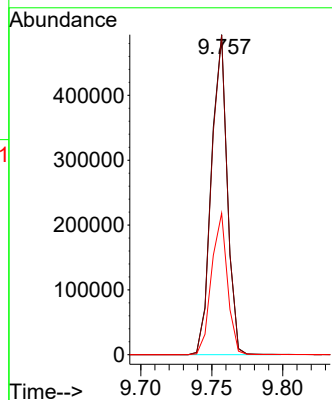
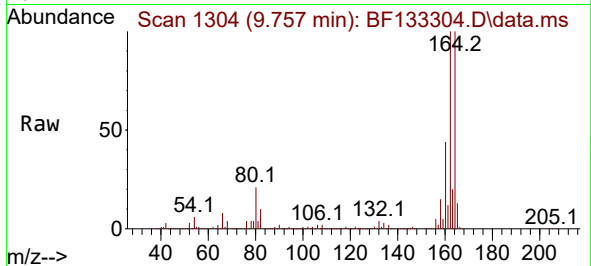




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

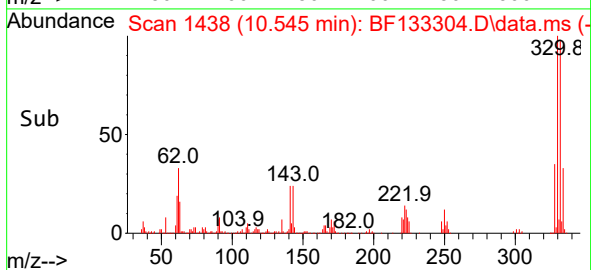
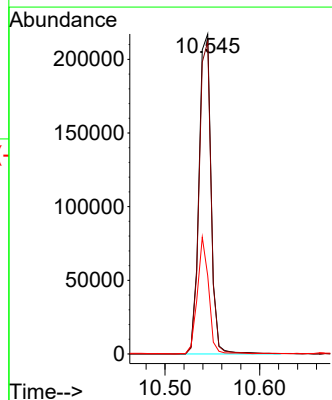
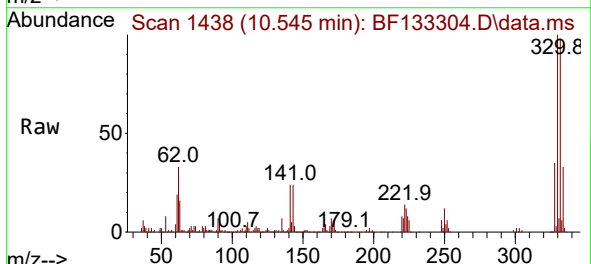
Instrument :
BNA_F
ClientSampleId :
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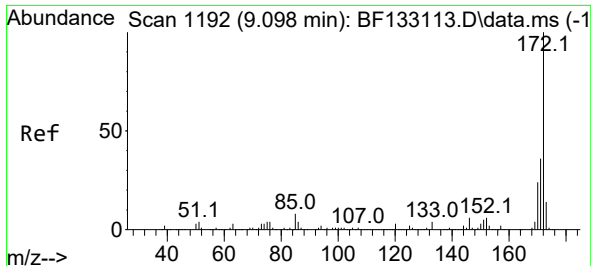
Tgt Ion:164 Resp: 383829
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 50.195 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

Tgt Ion:330 Resp: 193758
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 34.2 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 62.540 ng

RT: 9.081 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133304.D

Acq: 08 May 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SMALL-PAD

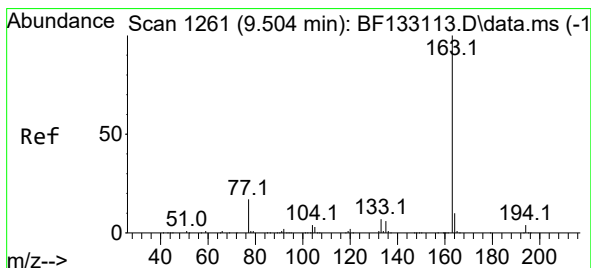
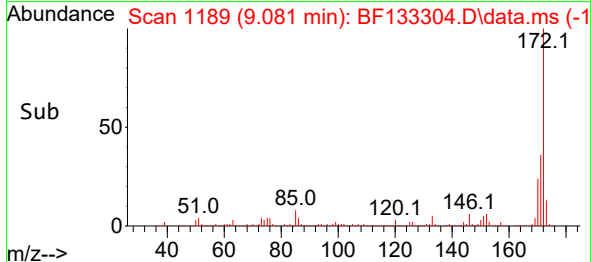
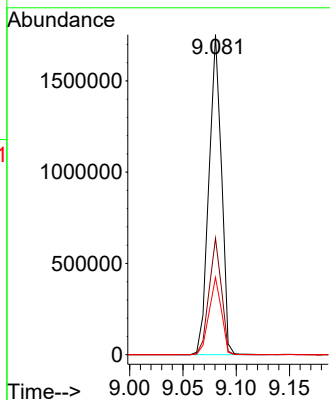
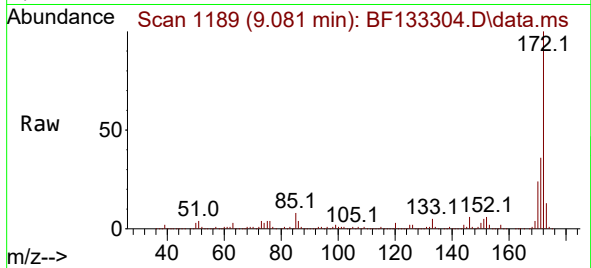
Tgt Ion:172 Resp: 1434832

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.1 19.4 29.2



#50

Dimethylphthalate

Concen: 2.881 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF133304.D

Acq: 08 May 2023 20:13

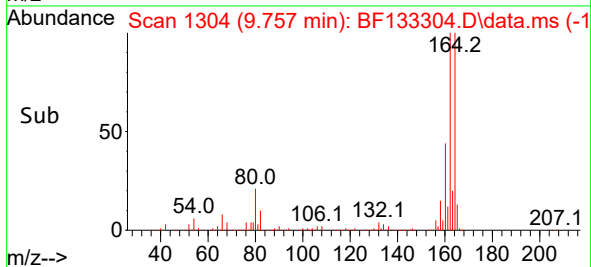
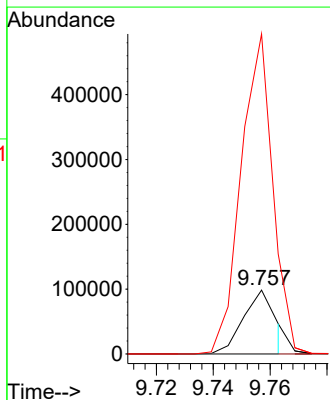
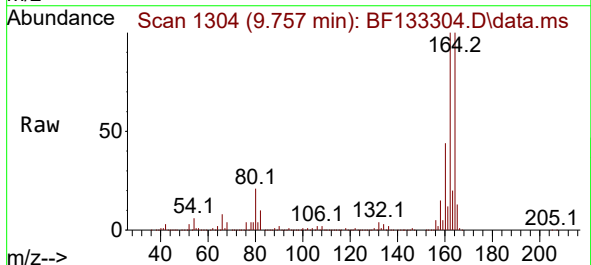
Tgt Ion:163 Resp: 77104

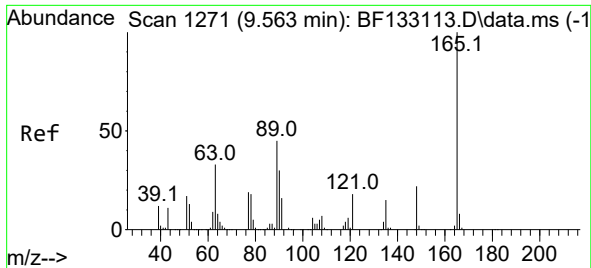
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 501.0 8.5 12.7#

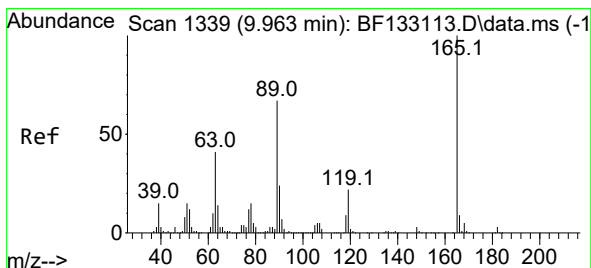
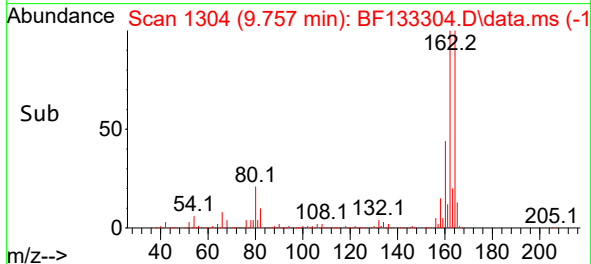
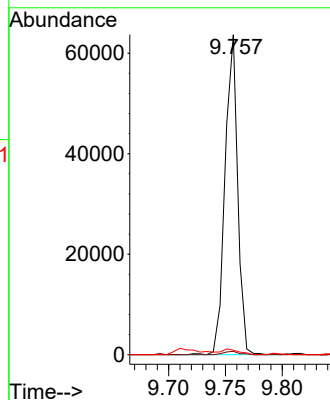
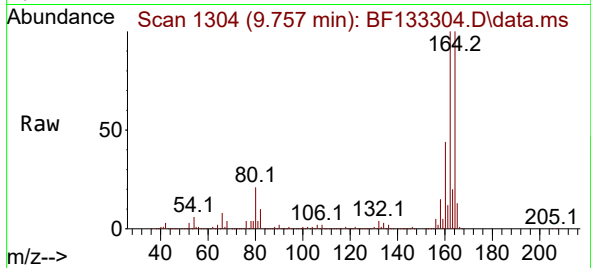




#51
2,6-Dinitrotoluene
Concen: 8.225 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

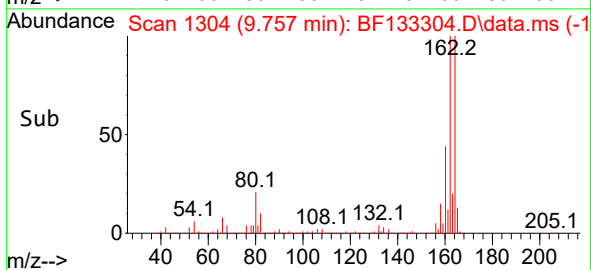
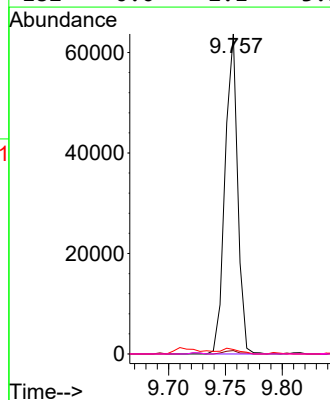
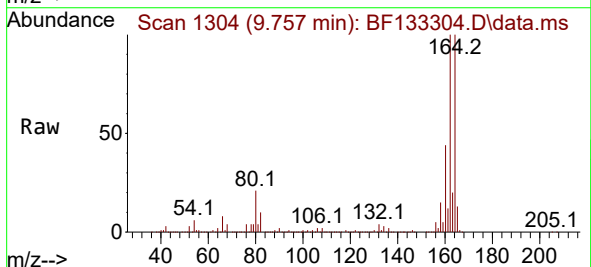
Instrument :
BNA_F
ClientSampleId :
SMALL-PAD

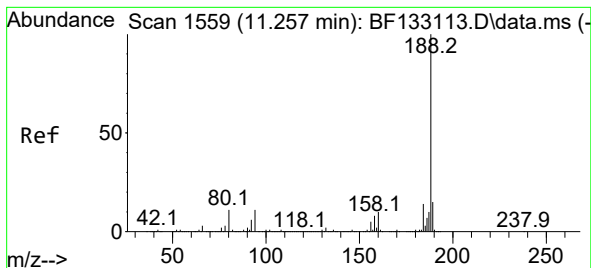
Tgt Ion:165 Resp: 49547
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.4 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

Tgt Ion:165 Resp: 49547
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133304.D

Acq: 08 May 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SMALL-PAD

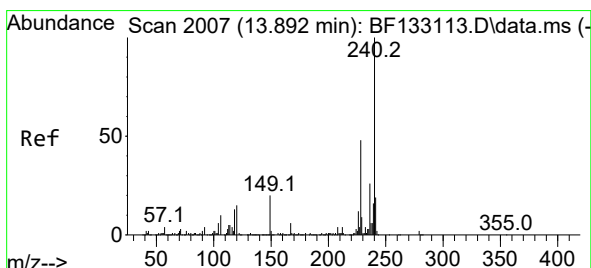
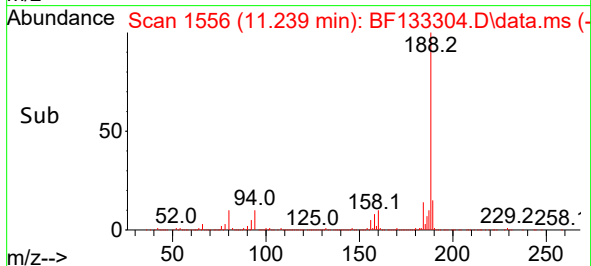
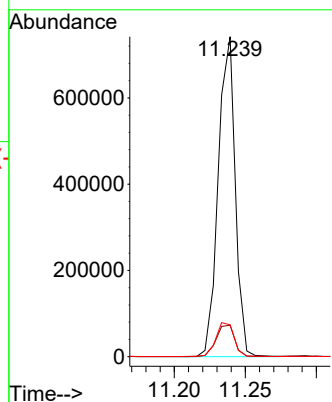
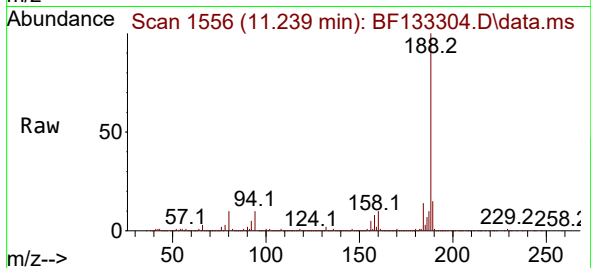
Tgt Ion:188 Resp: 616407

Ion Ratio Lower Upper

188 100

94 9.9 9.7 14.5

80 10.0 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133304.D

Acq: 08 May 2023 20:13

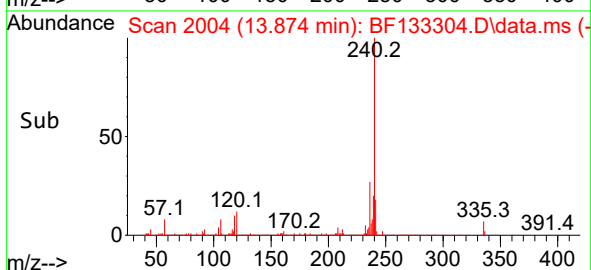
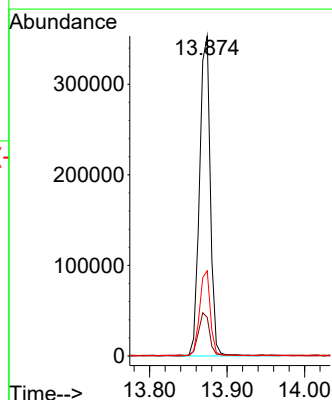
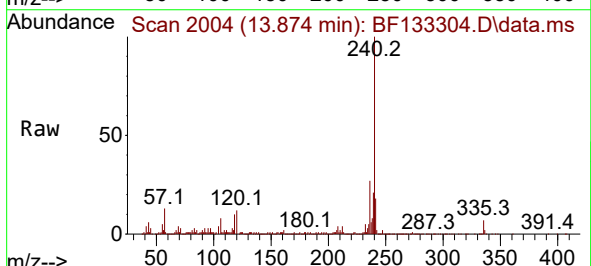
Tgt Ion:240 Resp: 340801

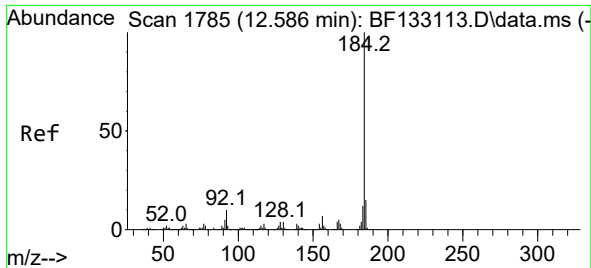
Ion Ratio Lower Upper

240 100

120 12.0 10.5 15.7

236 26.6 21.5 32.3

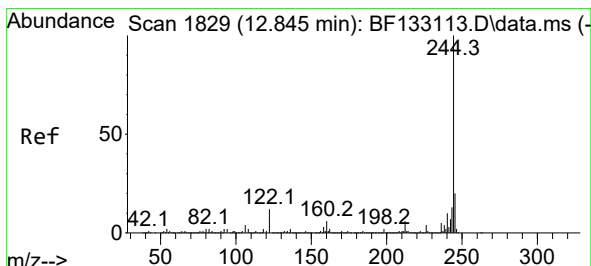
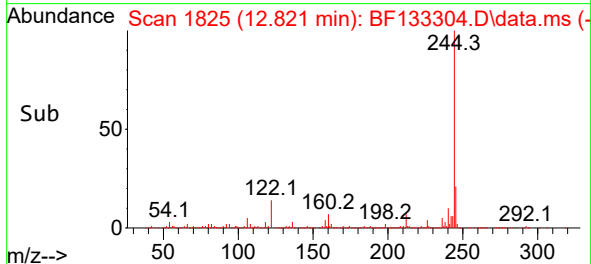
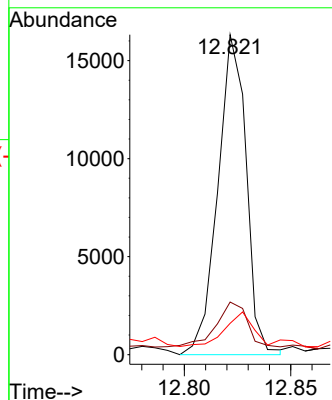
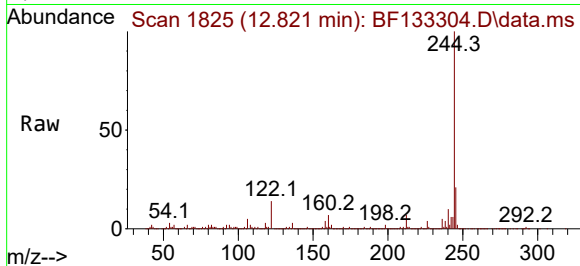




#77
Benzidine
Concen: 2.623 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

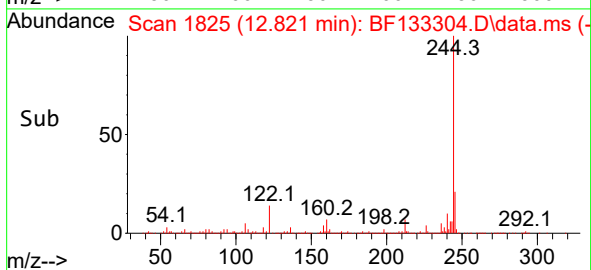
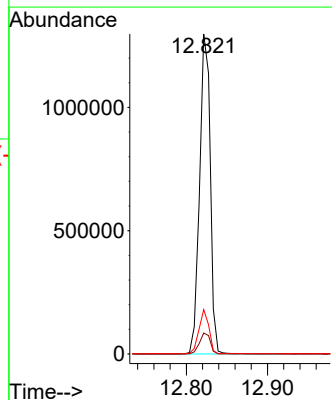
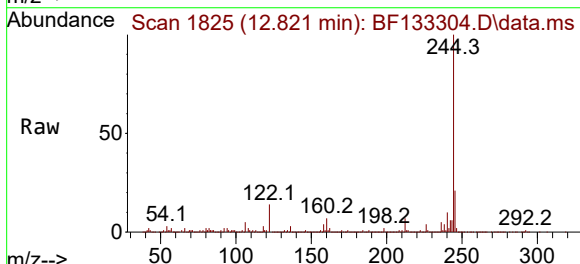
Instrument :
BNA_F
ClientSampleId :
SMALL-PAD

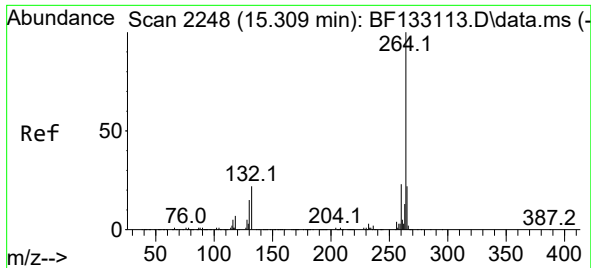
Tgt Ion:184 Resp: 15115
Ion Ratio Lower Upper
184 100
185 16.5 15.4 23.2
183 9.8 9.4 14.0



#79
Terphenyl-d14
Concen: 60.273 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

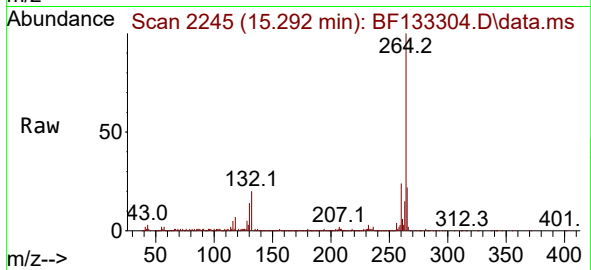
Tgt Ion:244 Resp: 1191013
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 13.9 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133304.D
Acq: 08 May 2023 20:13

Instrument :
BNA_F
ClientSampleId :
SMALL-PAD



Tgt Ion:264 Resp: 382469
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.7 17.0 25.4

