

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131875.D
 Acq On : 29 Dec 2022 13:01
 Operator : CG\JU
 Sample : PB149976BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149976BL

Quant Time: Dec 30 02:08:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

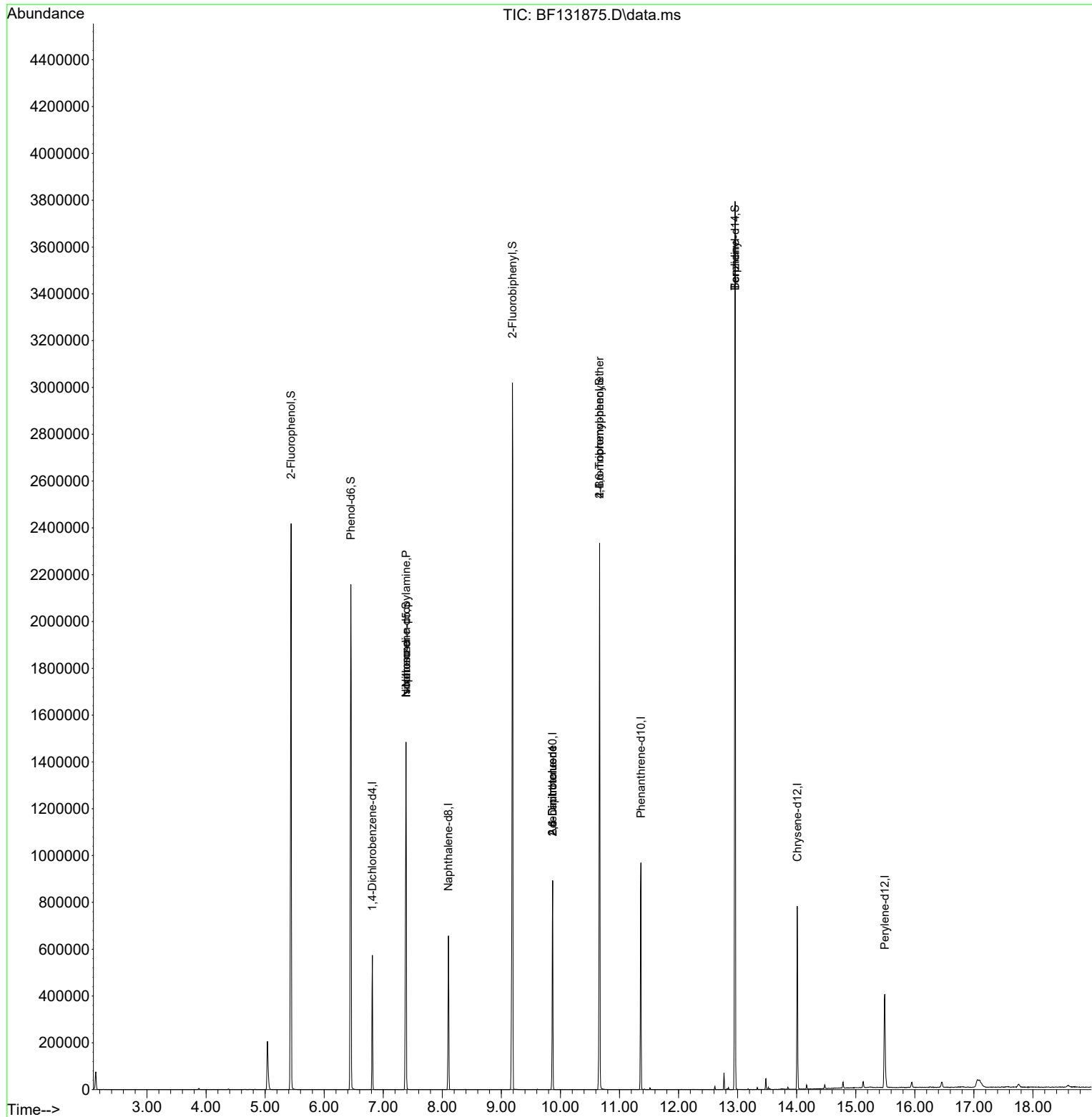
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	75702	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	280848	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	174525	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	350177	20.000	ng	0.00
76) Chrysene-d12	14.010	240	259429	20.000	ng	0.00
86) Perylene-d12	15.492	264	191500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	621399	136.033	ng	0.02
7) Phenol-d6	6.451	99	819825	136.603	ng	0.00
23) Nitrobenzene-d5	7.386	82	567608	80.692	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	257618	135.859	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1018805	79.959	ng	0.00
79) Terphenyl-d14	12.957	244	1311199	85.492	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	77556	18.298	ng	# 79
25) Isophorone	7.386	82	567418	49.394	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	22013	7.702	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	22013	5.632	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	17503	4.313	ng	# 1
77) Benzidine	12.957	184	20011	4.694	ng	# 93

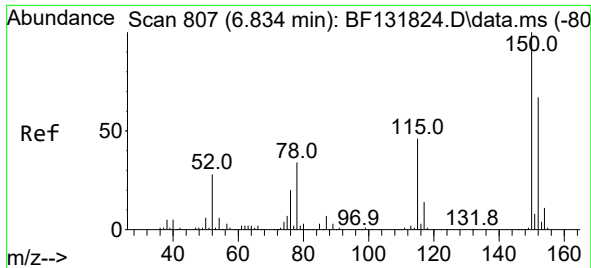
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
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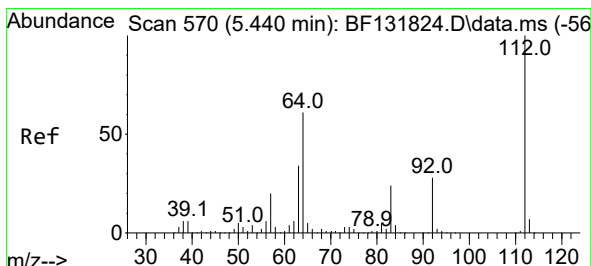
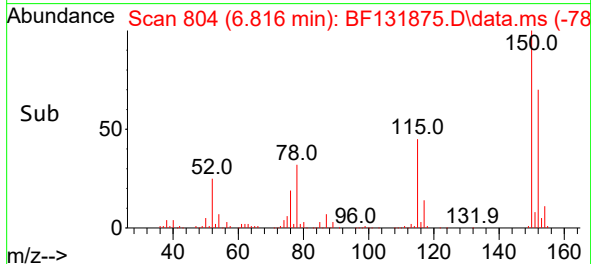
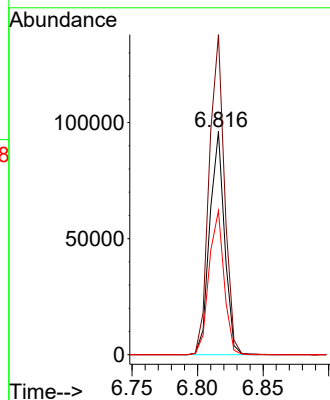
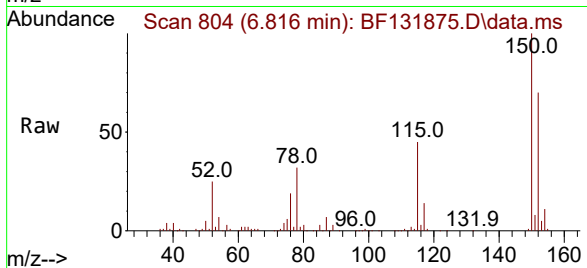




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

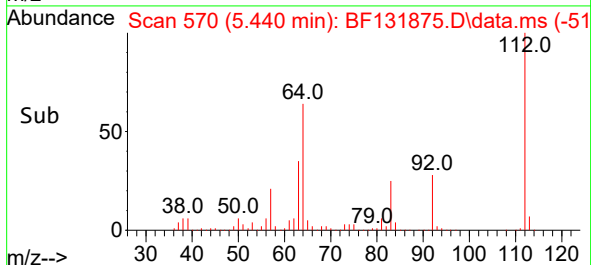
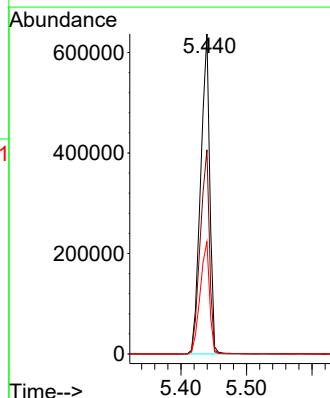
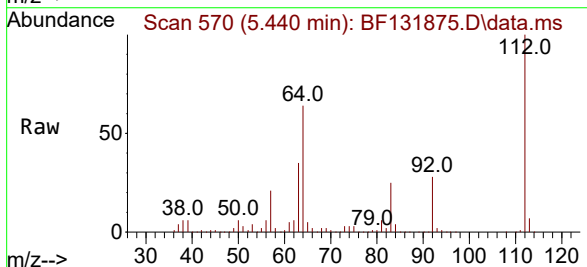
Instrument :
BNA_F
ClientSampleId :
PB149976BL

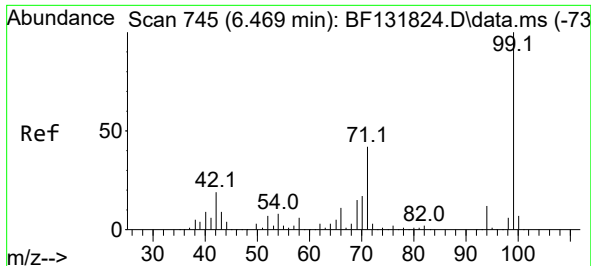
Tgt Ion:152 Resp: 75702
Ion Ratio Lower Upper
152 100
150 143.3 120.0 180.0
115 64.5 55.1 82.7



#5
2-Fluorophenol
Concen: 136.033 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

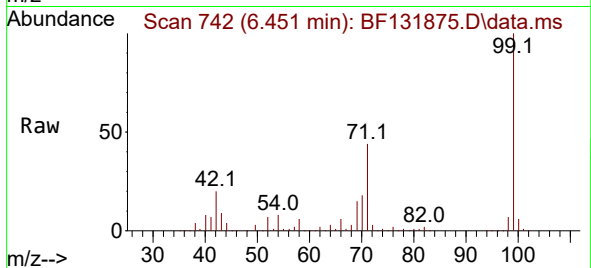
Tgt Ion:112 Resp: 621399
Ion Ratio Lower Upper
112 100
64 63.8 49.2 73.8
63 35.1 27.5 41.3



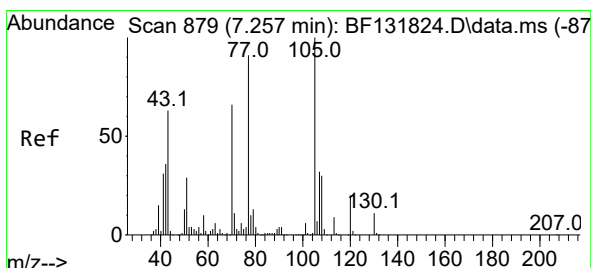
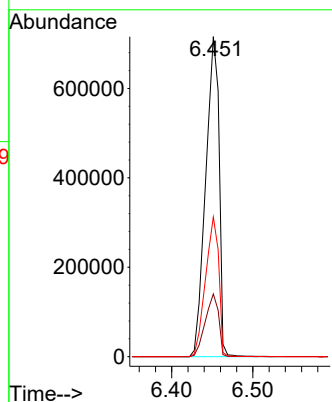
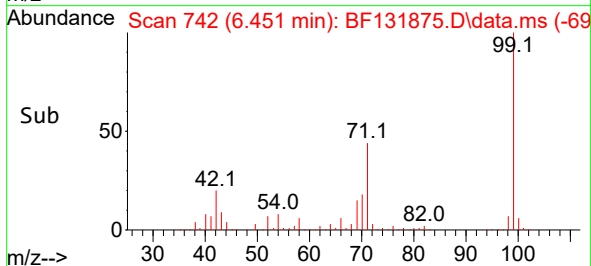


#7
Phenol-d6
Concen: 136.603 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

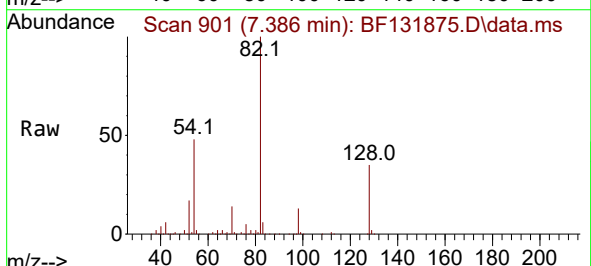
Instrument :
BNA_F
ClientSampleId :
PB149976BL



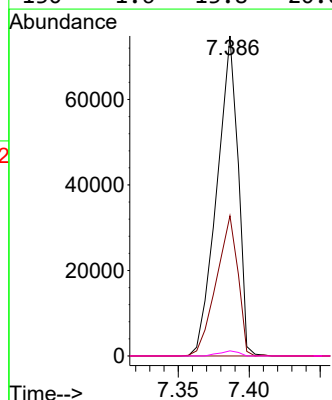
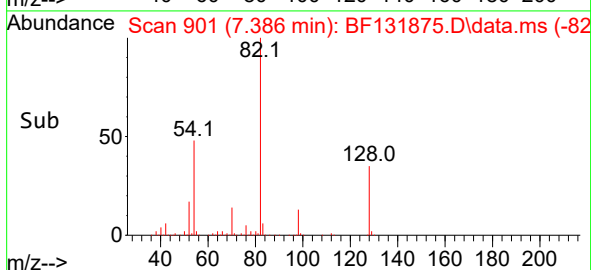
Tgt Ion: 99 Resp: 819825
Ion Ratio Lower Upper
99 100
42 19.6 15.3 22.9
71 43.7 33.5 50.3

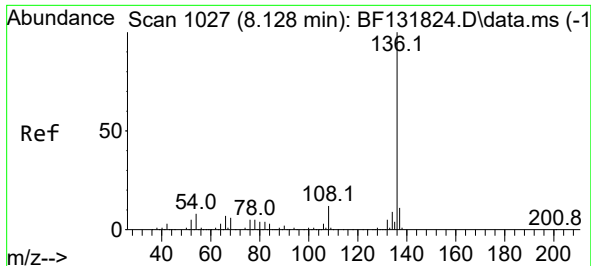


#19
n-Nitroso-di-n-propylamine
Concen: 18.298 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01



Tgt Ion: 70 Resp: 77556
Ion Ratio Lower Upper
70 100
42 43.8 43.8 65.6
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131875.D

Acq: 29 Dec 2022 13:01

Instrument :

BNA_F

ClientSampleId :

PB149976BL

Tgt Ion:136 Resp: 280848

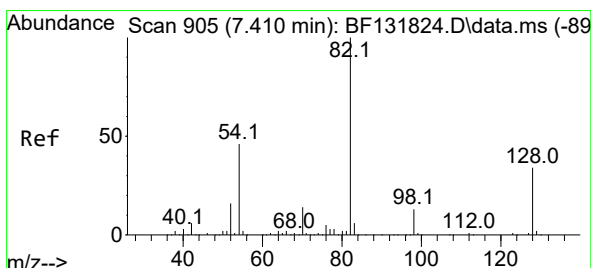
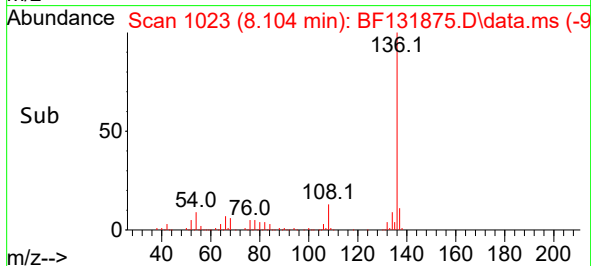
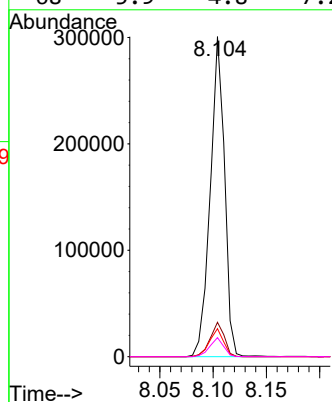
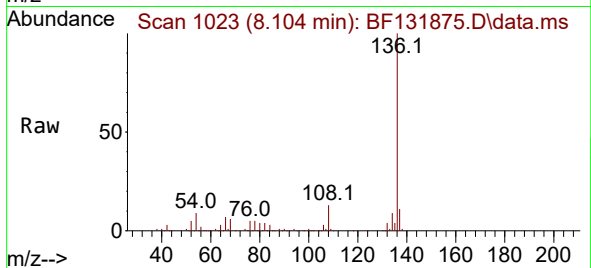
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 8.8 6.7 10.1

68 5.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 80.692 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF131875.D

Acq: 29 Dec 2022 13:01

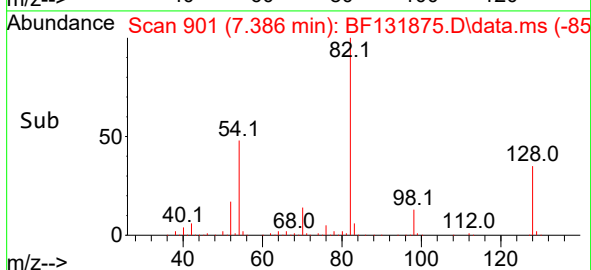
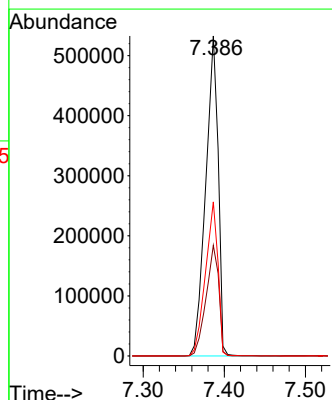
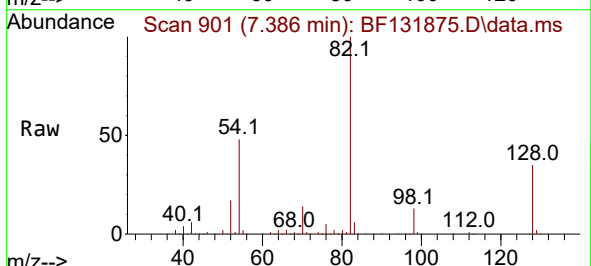
Tgt Ion: 82 Resp: 567608

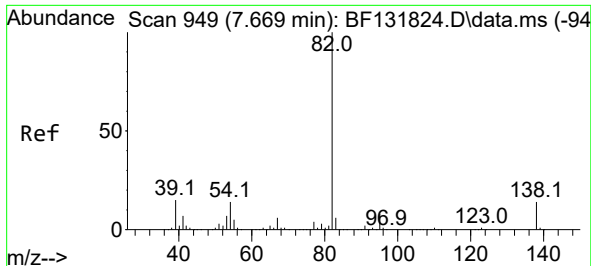
Ion Ratio Lower Upper

82 100

128 34.6 27.1 40.7

54 48.1 37.0 55.6

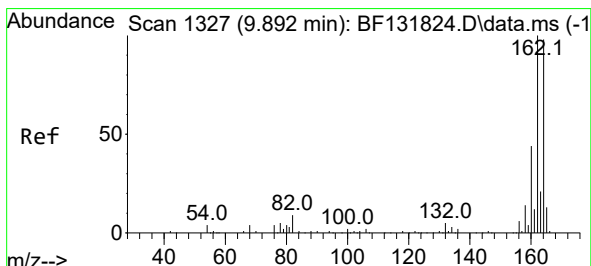
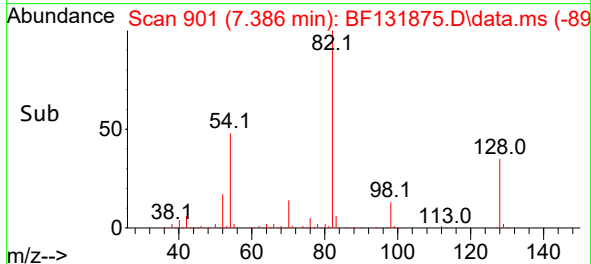
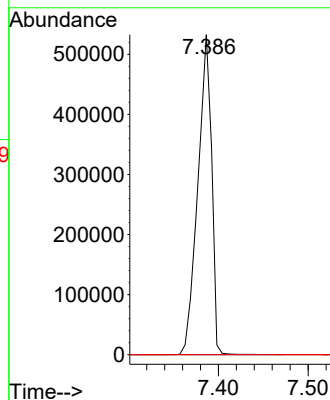
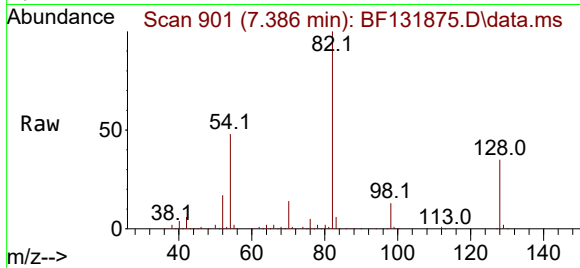




#25
Isophorone
Concen: 49.394 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

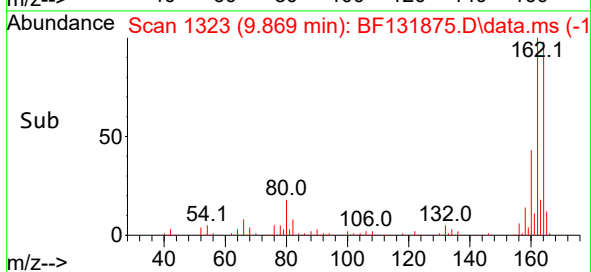
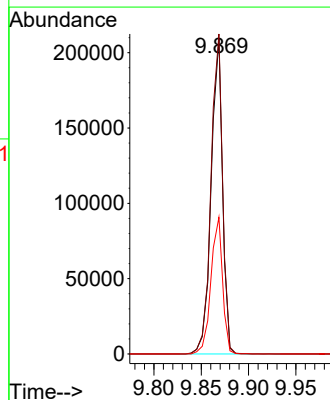
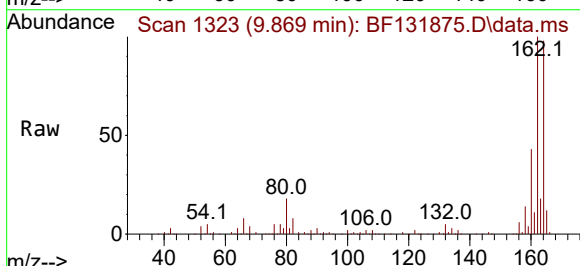
Instrument :
BNA_F
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PB149976BL

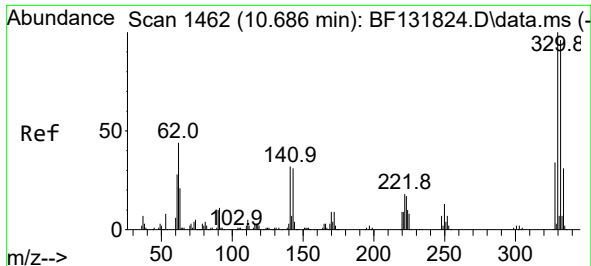
Tgt Ion: 82 Resp: 567418
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

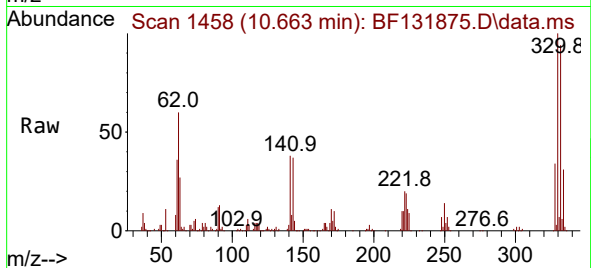
Tgt Ion:164 Resp: 174525
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 43.4 35.7 53.5



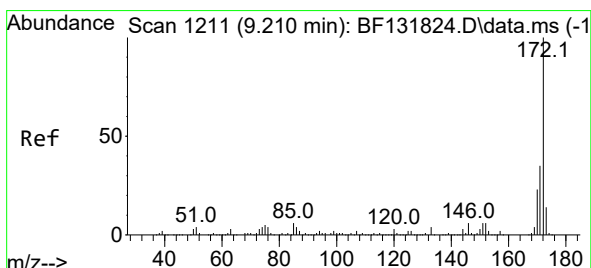
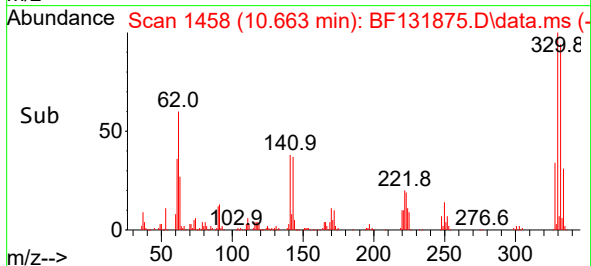
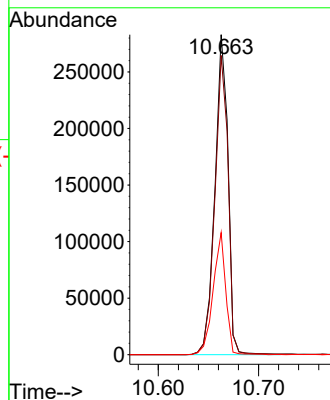


#42
2,4,6-Tribromophenol
Concen: 135.859 ng
RT: 10.663 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

Instrument :
BNA_F
ClientSampleId :
PB149976BL

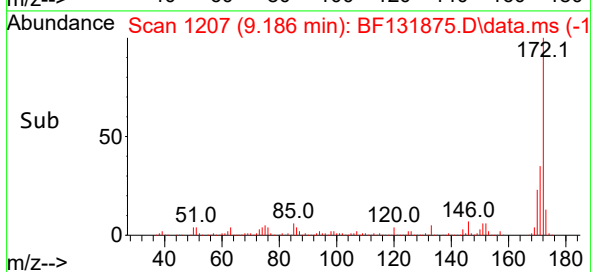
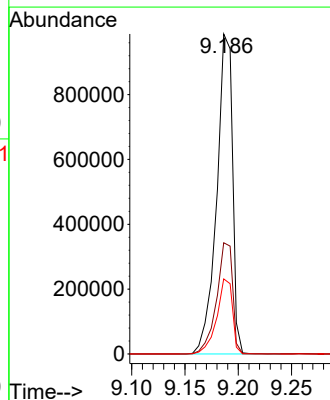
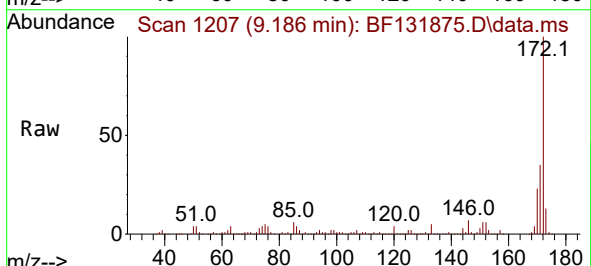


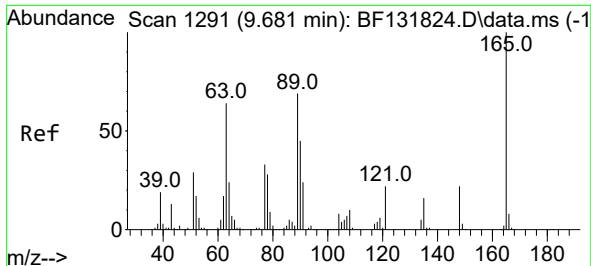
Tgt Ion:330 Resp: 257618
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 36.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 79.959 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

Tgt Ion:172 Resp: 1018805
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.4 18.7 28.1

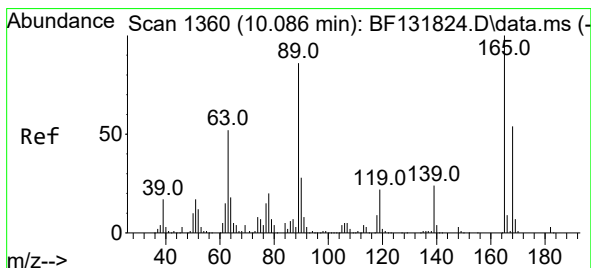
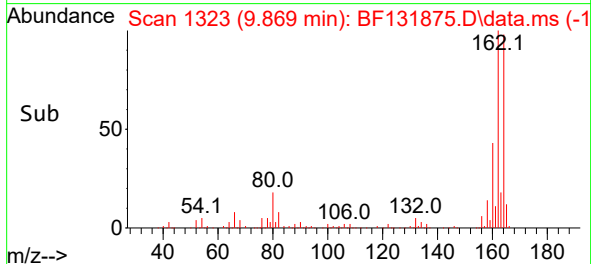
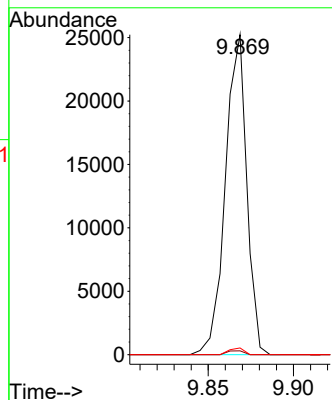
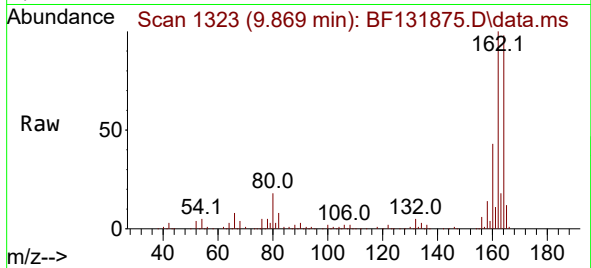




#51
2,6-Dinitrotoluene
Concen: 7.702 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

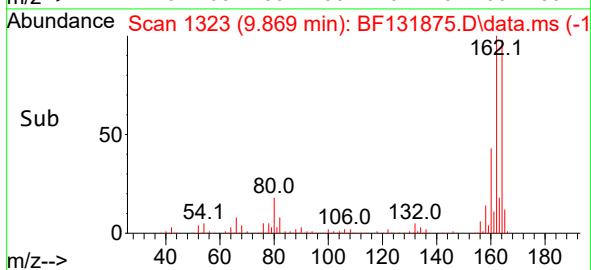
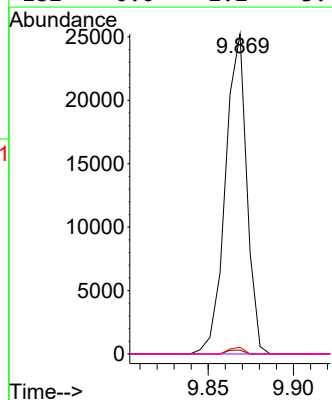
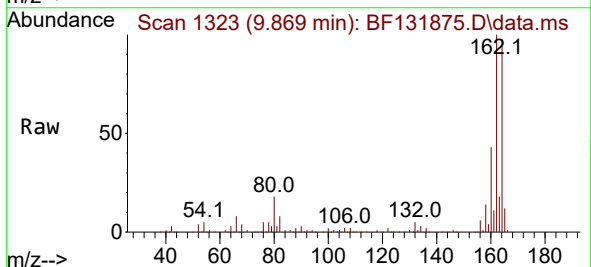
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ClientSampleId :
PB149976BL

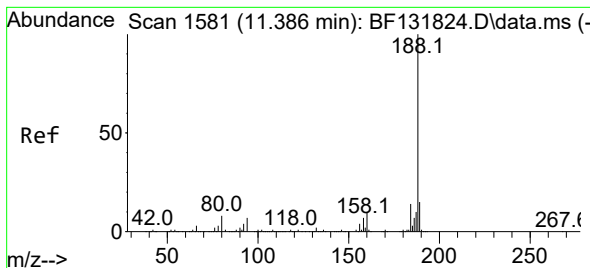
Tgt Ion:165 Resp: 22013
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 2.1 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.632 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

Tgt Ion:165 Resp: 22013
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 2.1 69.1 103.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131875.D

Acq: 29 Dec 2022 13:01

Instrument :

BNA_F

ClientSampleId :

PB149976BL

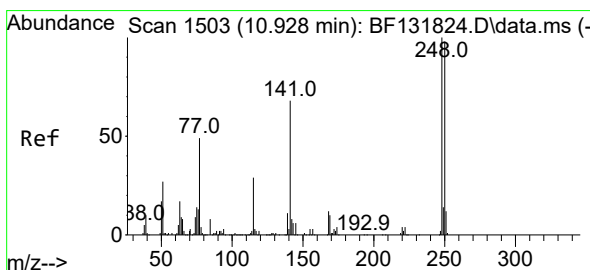
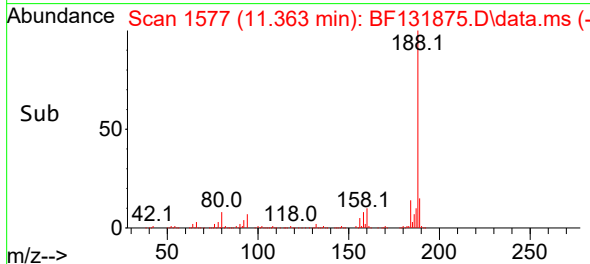
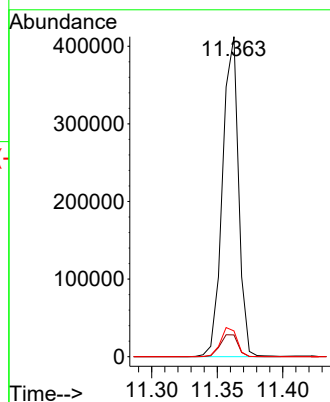
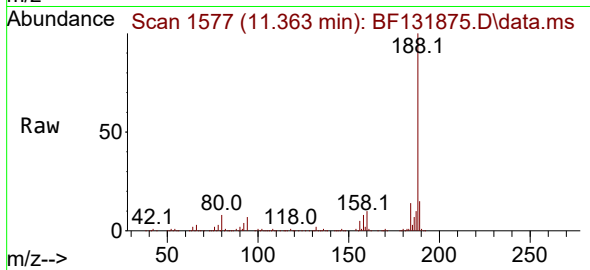
Tgt Ion:188 Resp: 350177

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 8.1 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.313 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF131875.D

Acq: 29 Dec 2022 13:01

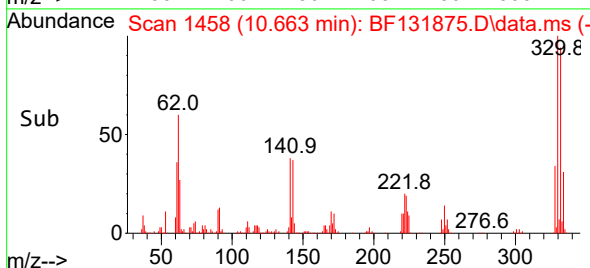
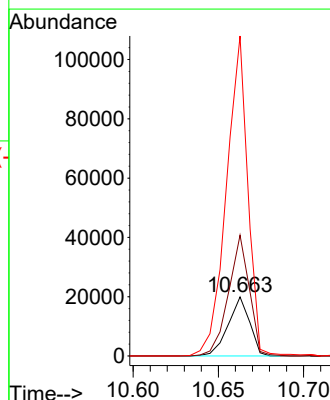
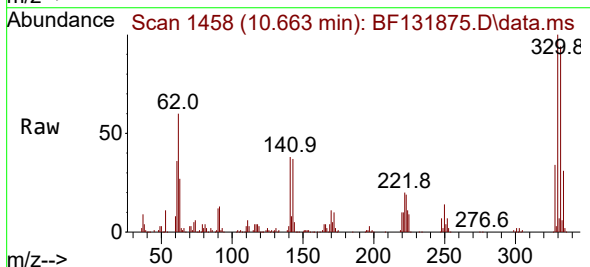
Tgt Ion:248 Resp: 17503

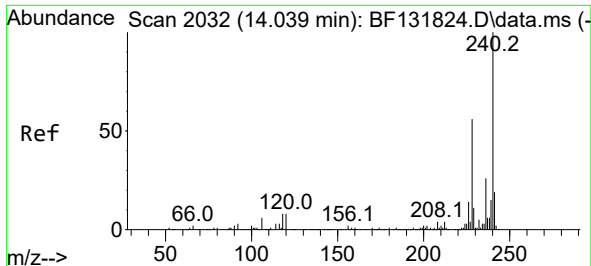
Ion Ratio Lower Upper

248 100

250 204.3 78.0 117.0#

141 541.5 54.8 82.2#

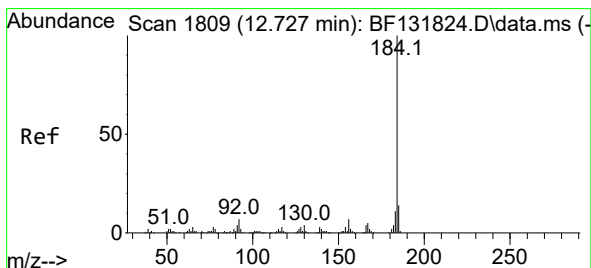
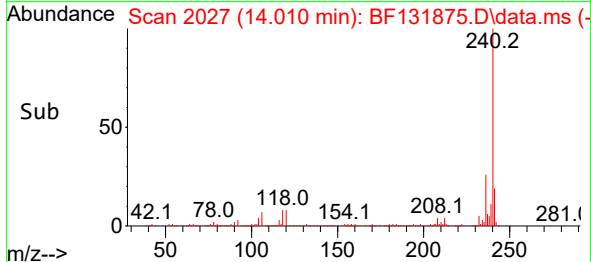
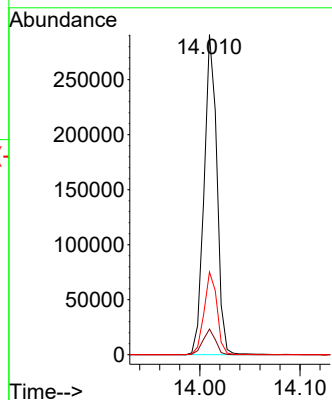
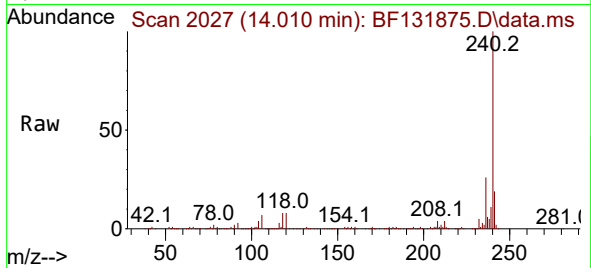




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

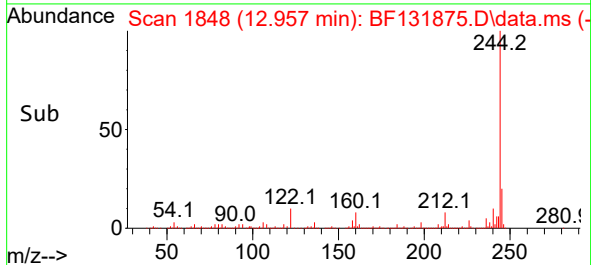
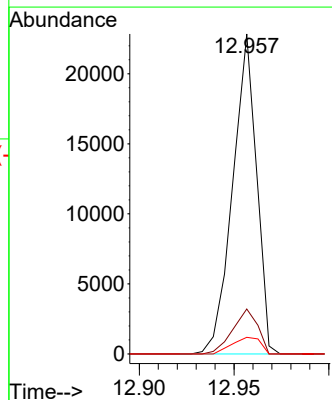
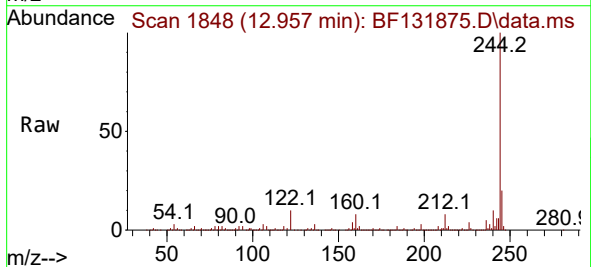
Instrument :
BNA_F
ClientSampleId :
PB149976BL

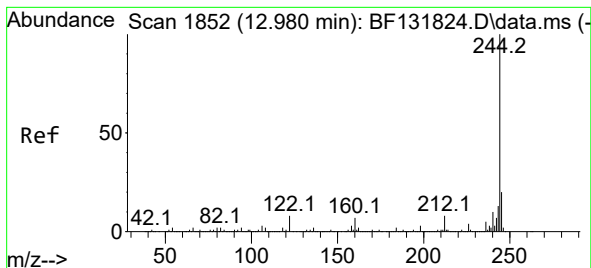
Tgt Ion:240 Resp: 259429
Ion Ratio Lower Upper
240 100
120 8.0 6.7 10.1
236 25.8 20.6 31.0



#77
Benzidine
Concen: 4.694 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF131875.D
Acq: 29 Dec 2022 13:01

Tgt Ion:184 Resp: 20011
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 5.2 9.0 13.4#





#79

Terphenyl-d14

Concen: 85.492 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131875.D

Acq: 29 Dec 2022 13:01

Instrument :

BNA_F

ClientSampleId :

PB149976BL

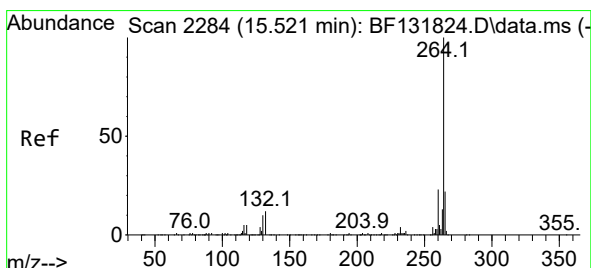
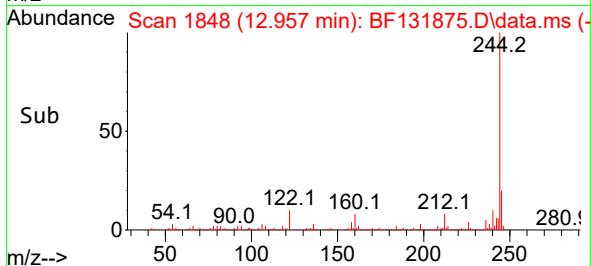
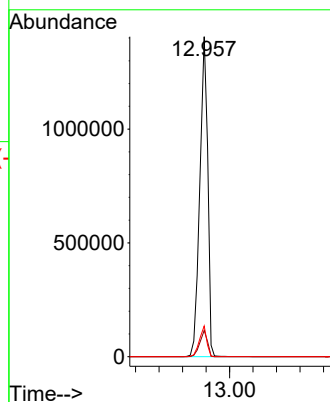
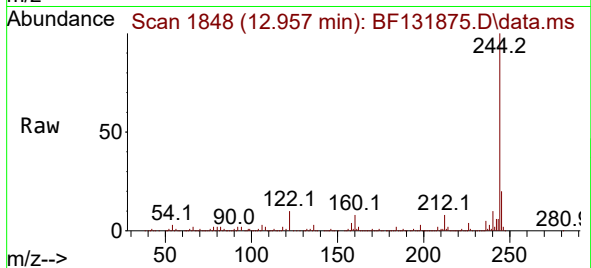
Tgt Ion:244 Resp: 1311199

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF131875.D

Acq: 29 Dec 2022 13:01

Tgt Ion:264 Resp: 191500

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 20.6 17.4 26.0

