

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131856.D
 Acq On : 28 Dec 2022 12:01
 Operator : CG\JU
 Sample : PB149912BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149912BL

Quant Time: Dec 29 00:51:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

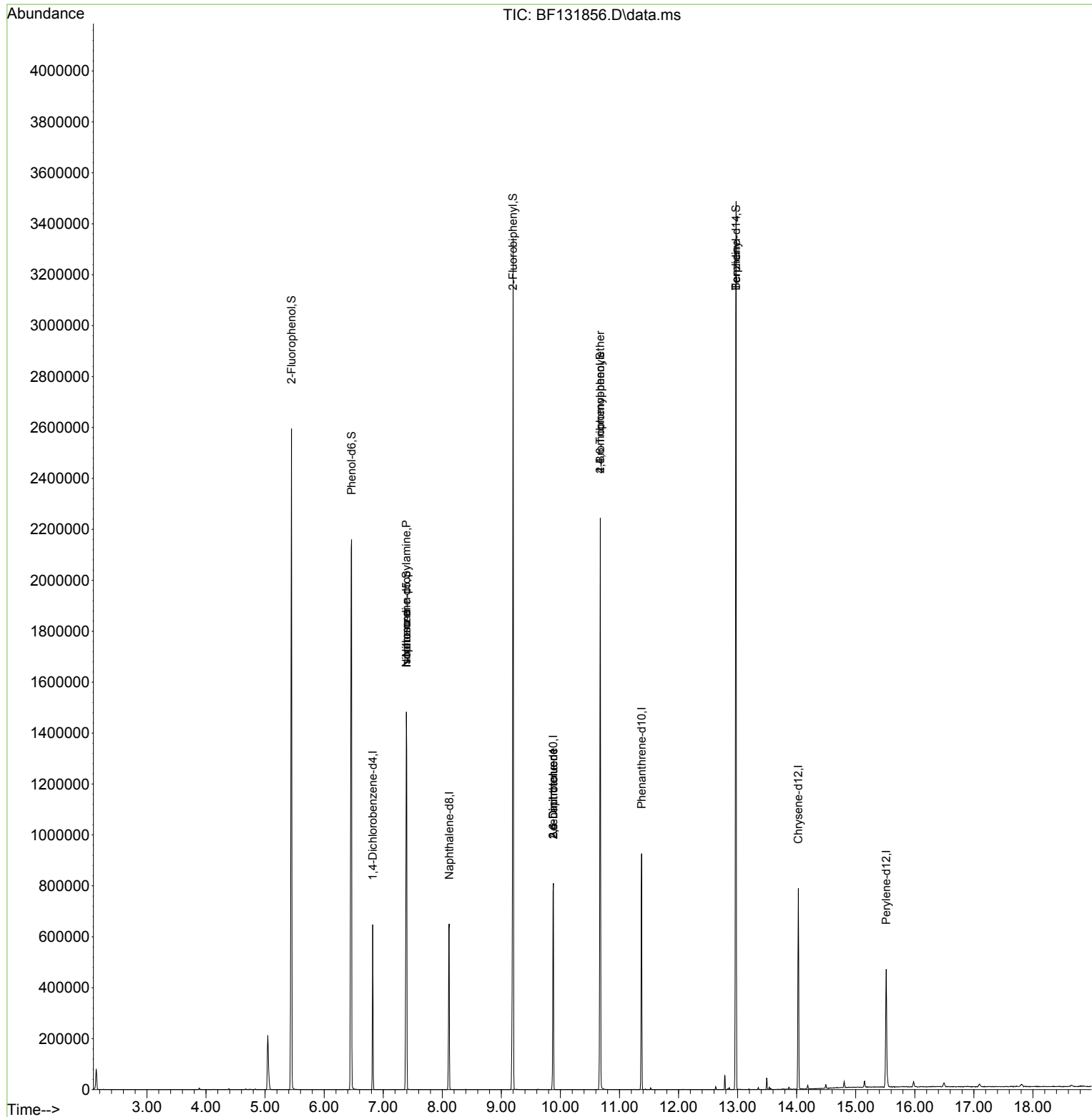
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	79203	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	295706	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	171896	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	327788	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	264554	20.000	ng	-0.01
86) Perylene-d12	15.515	264	211951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	660693	138.241	ng	0.00
7) Phenol-d6	6.463	99	864980	137.756	ng	0.00
23) Nitrobenzene-d5	7.393	82	595533	80.408	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	230959	123.662	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1003314	79.948	ng	-0.01
79) Terphenyl-d14	12.975	244	1218445	77.906	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.393	70	82901	18.694	ng	# 77
25) Isophorone	7.393	82	592203	48.961	ng	# 69
51) 2,6-Dinitrotoluene	9.881	165	21651	7.691	ng	# 17
57) 2,4-Dinitrotoluene	9.881	165	21651	5.624	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	16576	4.363	ng	# 1
77) Benzidine	12.975	184	18486	4.252	ng	# 93

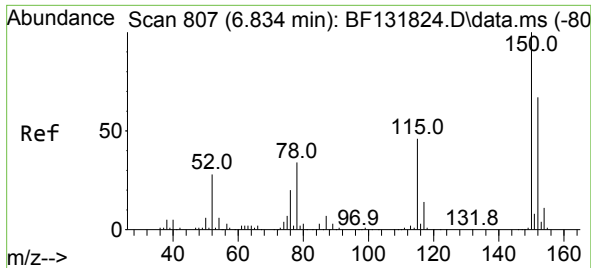
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF131856.D
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Operator : CG\JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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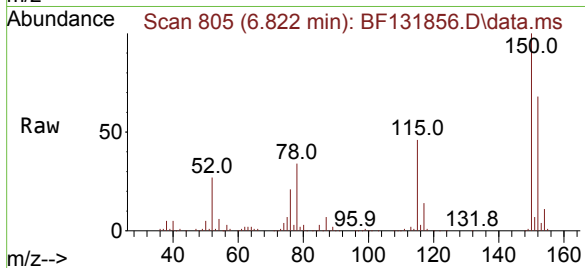
Quant Time: Dec 29 00:51:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
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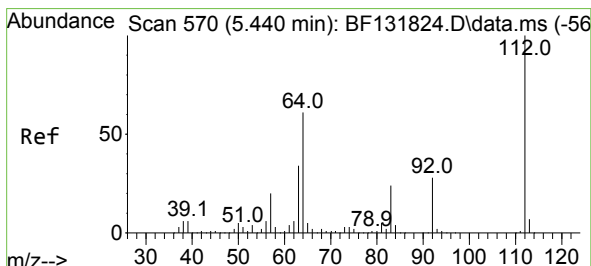
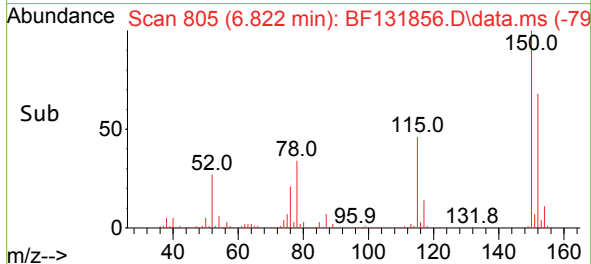
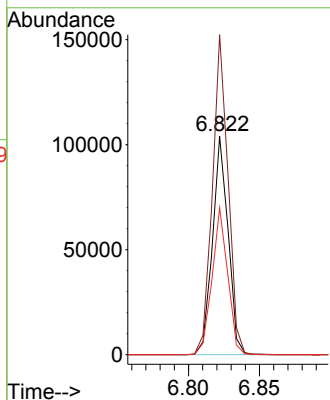


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

Instrument :
BNA_F
ClientSampleId :
PB149912BL

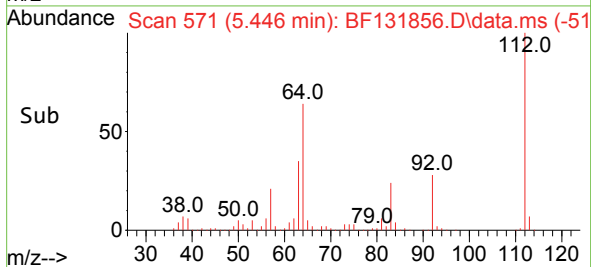
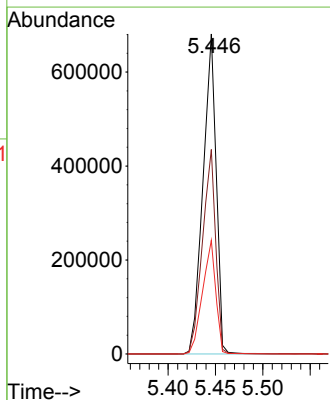
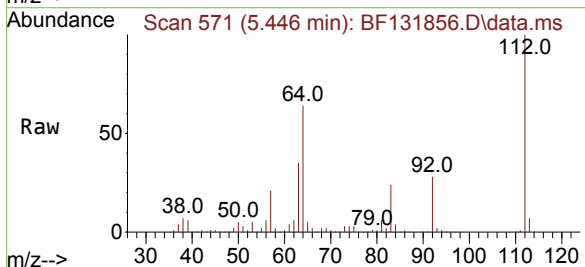


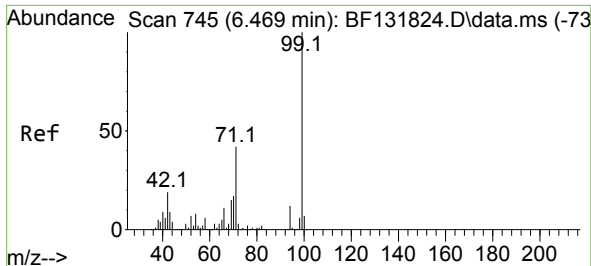
Tgt Ion:152 Resp: 79203
Ion Ratio Lower Upper
152 100
150 146.5 120.0 180.0
115 67.3 55.1 82.7



#5
2-Fluorophenol
Concen: 138.241 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

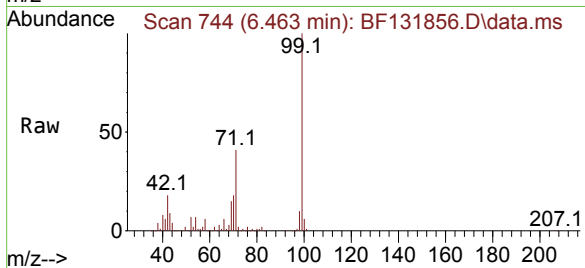
Tgt Ion:112 Resp: 660693
Ion Ratio Lower Upper
112 100
64 63.9 49.2 73.8
63 35.5 27.5 41.3



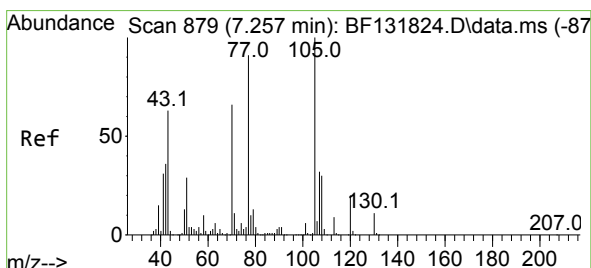
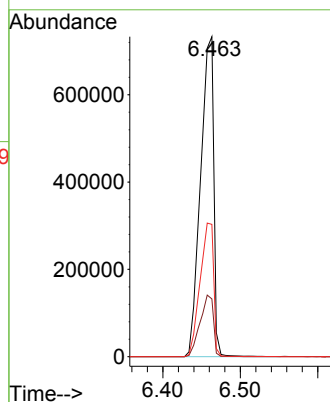
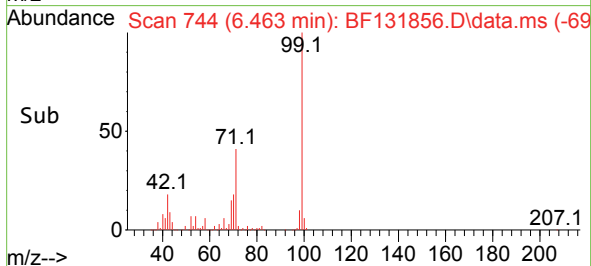


#7
Phenol-d6
Concen: 137.756 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

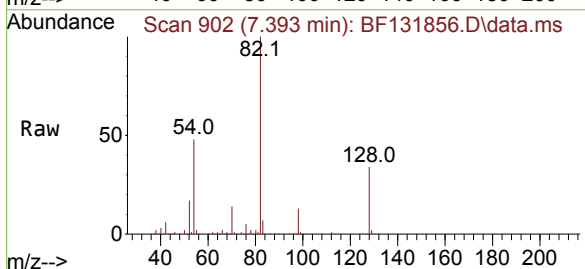
Instrument :
BNA_F
ClientSampleId :
PB149912BL



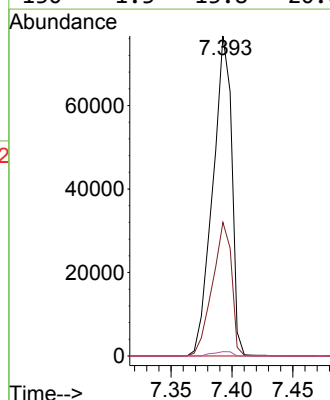
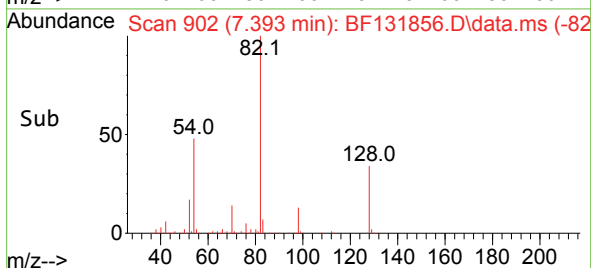
Tgt Ion: 99 Resp: 864980
Ion Ratio Lower Upper
99 100
42 18.0 15.3 22.9
71 41.3 33.5 50.3

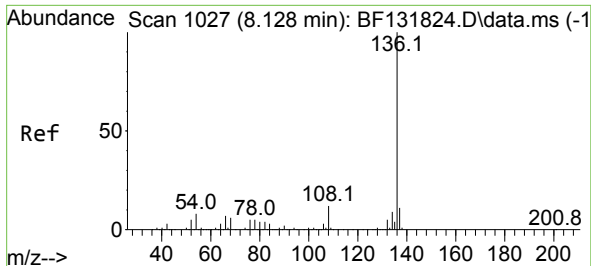


#19
n-Nitroso-di-n-propylamine
Concen: 18.694 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01



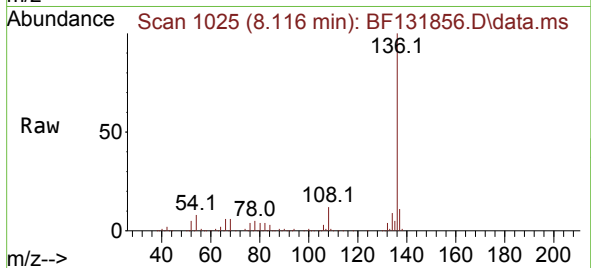
Tgt Ion: 70 Resp: 82901
Ion Ratio Lower Upper
70 100
42 41.8 43.8 65.6#
101 0.0 7.4 11.0#
130 1.3 13.8 20.6#



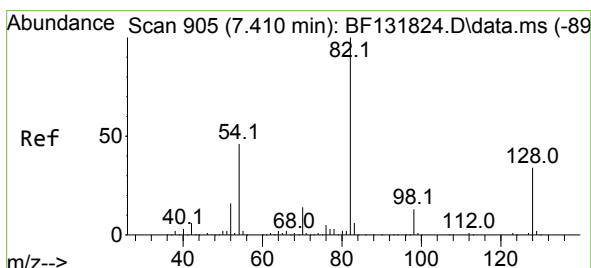
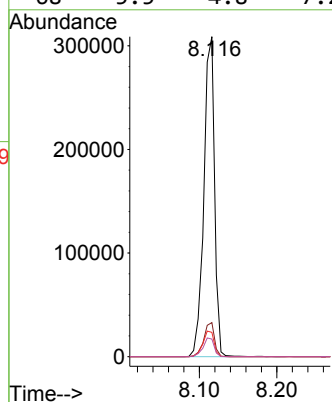
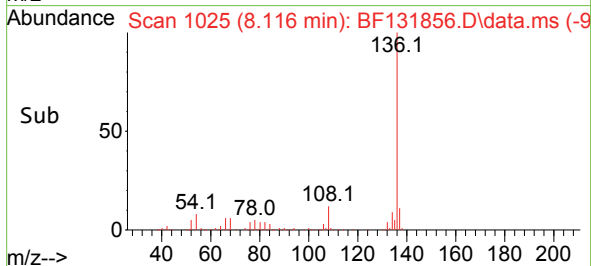


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

Instrument :
BNA_F
ClientSampleId :
PB149912BL

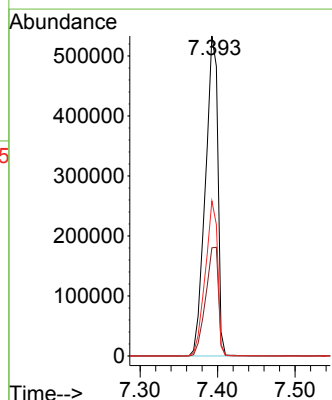
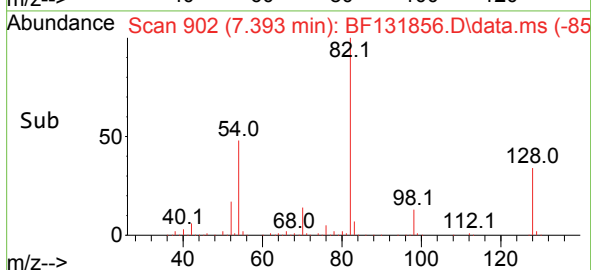
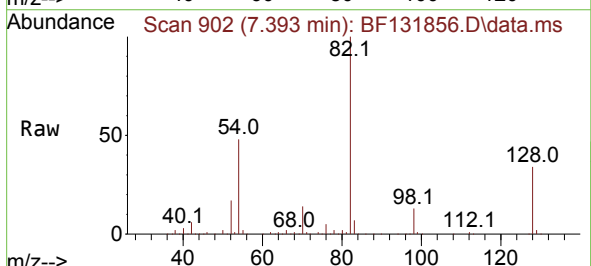


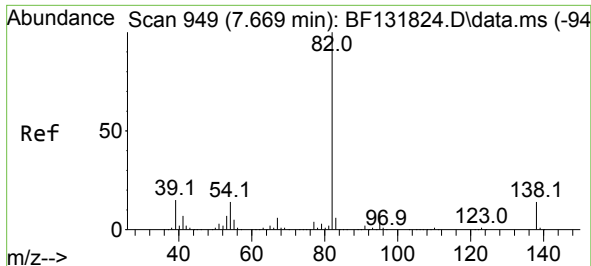
Tgt Ion:136 Resp: 295706
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.6 6.7 10.1
68 5.5 4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.408 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

Tgt Ion: 82 Resp: 595533
Ion Ratio Lower Upper
82 100
128 33.8 27.1 40.7
54 48.5 37.0 55.6

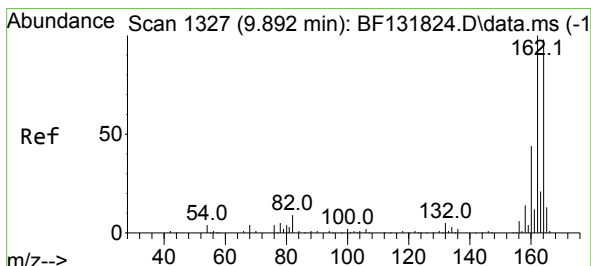
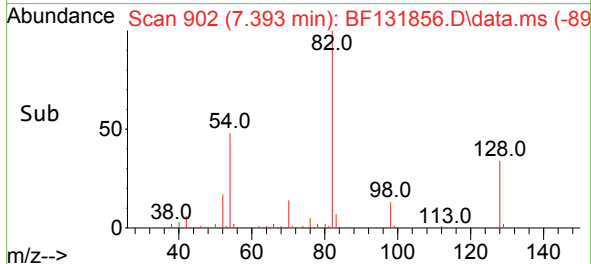
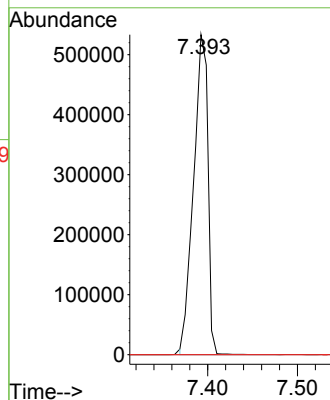
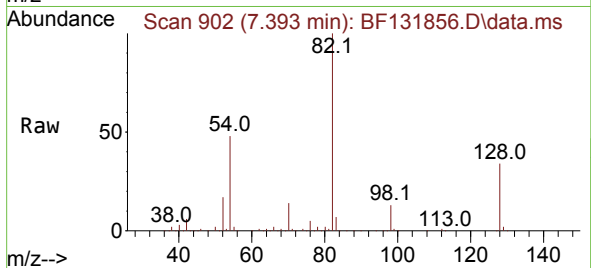




#25
Isophorone
Concen: 48.961 ng
RT: 7.393 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

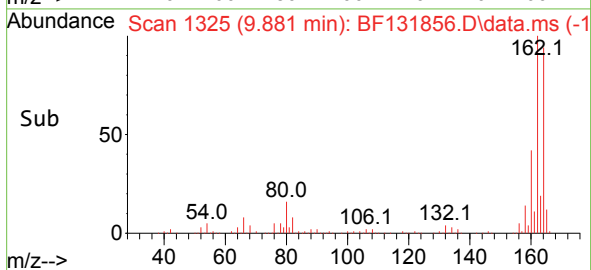
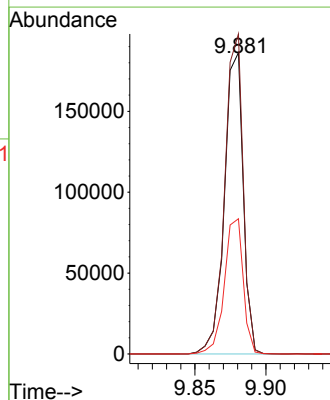
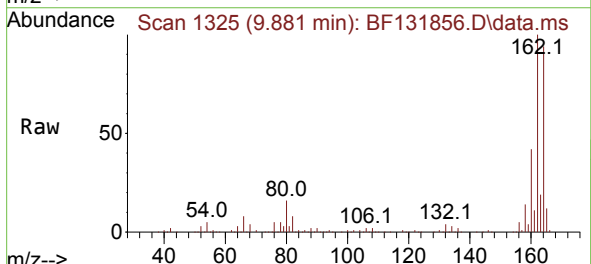
Instrument :
BNA_F
ClientSampleId :
PB149912BL

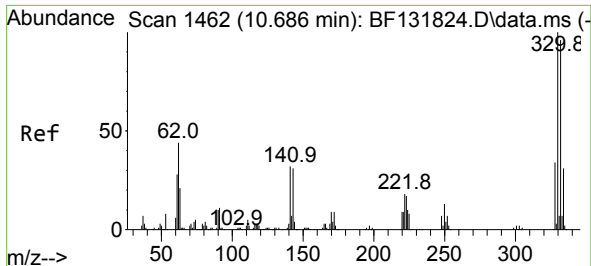
Tgt Ion: 82 Resp: 592203
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

Tgt Ion:164 Resp: 171896
Ion Ratio Lower Upper
164 100
162 106.2 81.8 122.6
160 44.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 123.662 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF131856.D

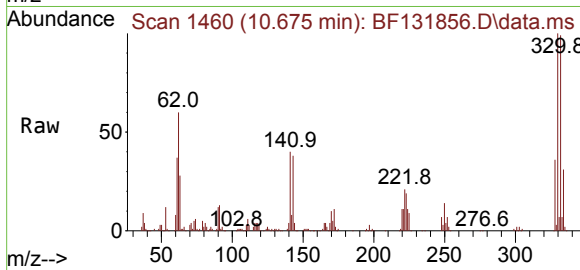
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Instrument :

BNA_F

ClientSampleId :

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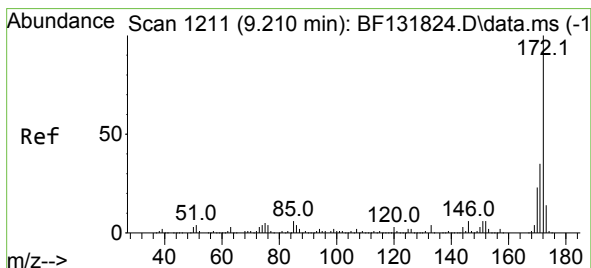
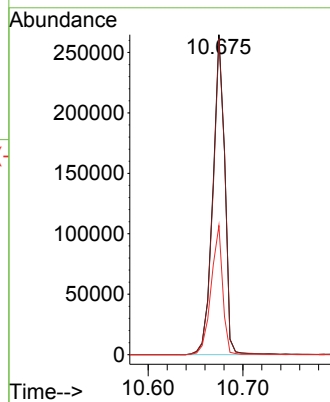
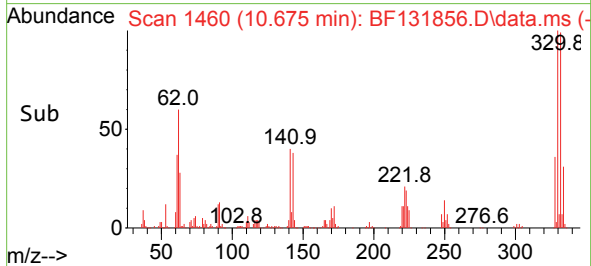
Tgt Ion:330 Resp: 230959

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.4

141 39.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 79.948 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF131856.D

Acq: 28 Dec 2022 12:01

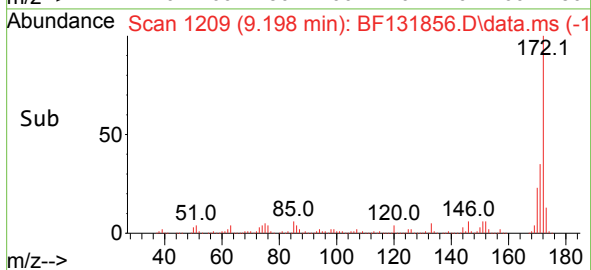
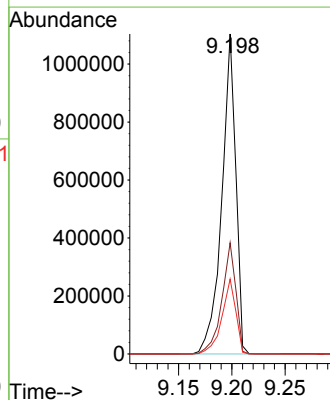
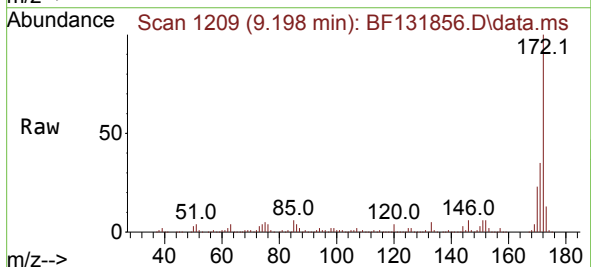
Tgt Ion:172 Resp: 1003314

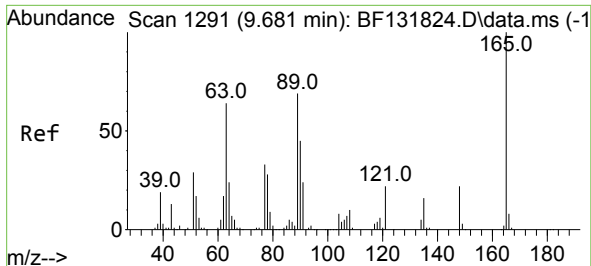
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.4 18.7 28.1

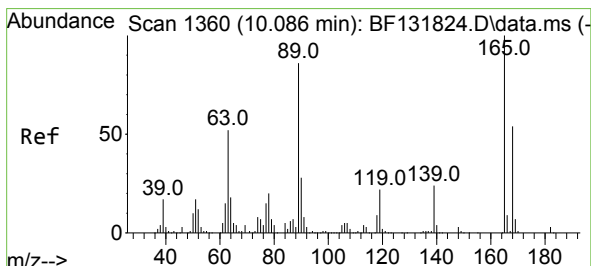
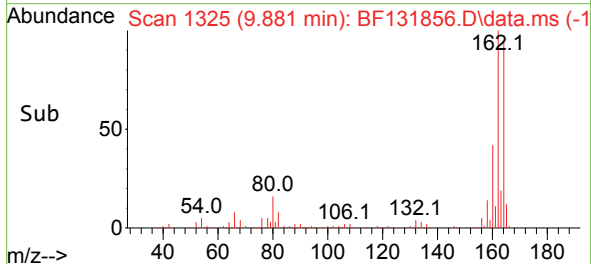
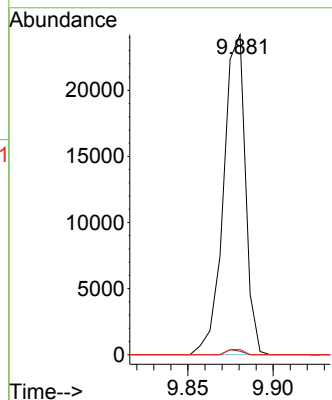
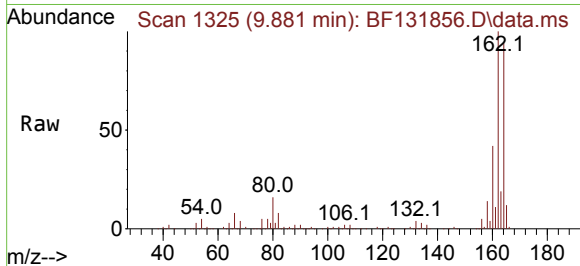




#51
2,6-Dinitrotoluene
Concen: 7.691 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

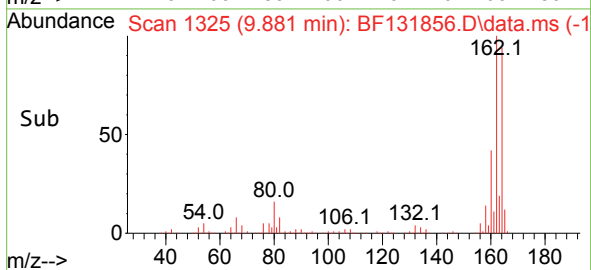
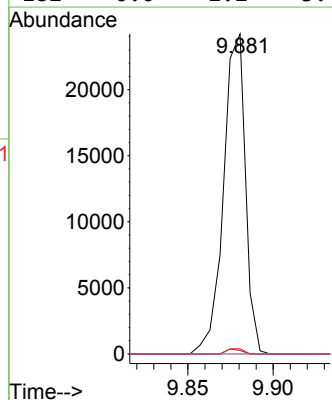
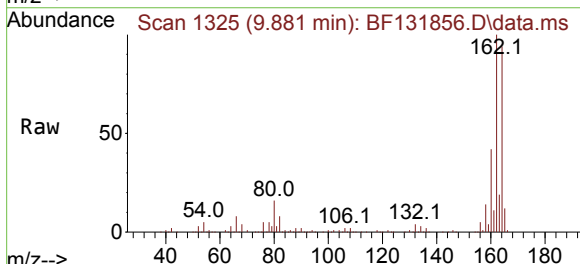
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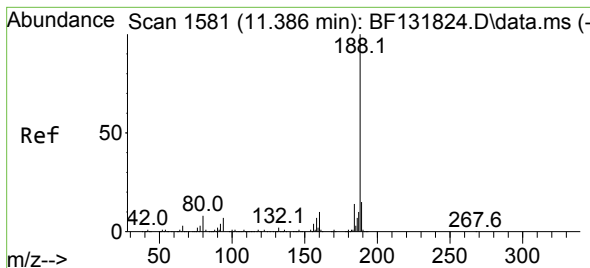
Tgt Ion:165 Resp: 21651
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 1.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.624 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF131856.D
Acq: 28 Dec 2022 12:01

Tgt Ion:165 Resp: 21651
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 1.7 69.1 103.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131856.D

Acq: 28 Dec 2022 12:01

Instrument :

BNA_F

ClientSampleId :

PB149912BL

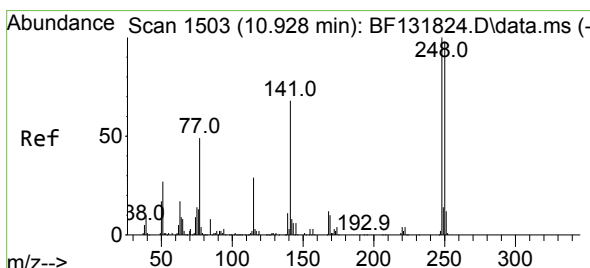
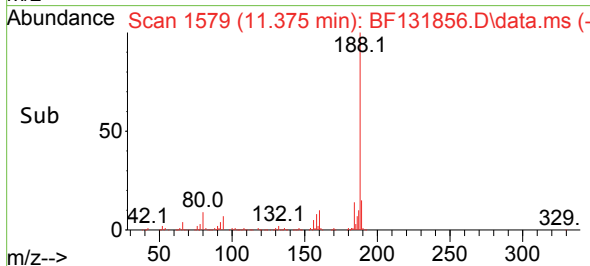
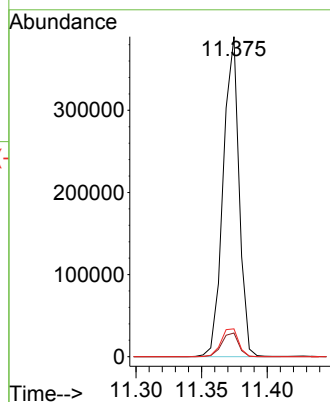
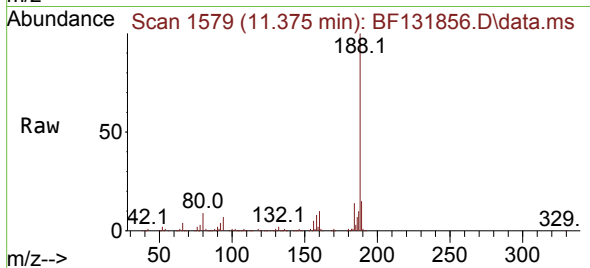
Tgt Ion:188 Resp: 327788

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.7 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.363 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF131856.D

Acq: 28 Dec 2022 12:01

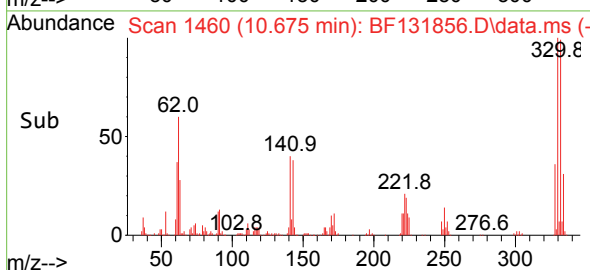
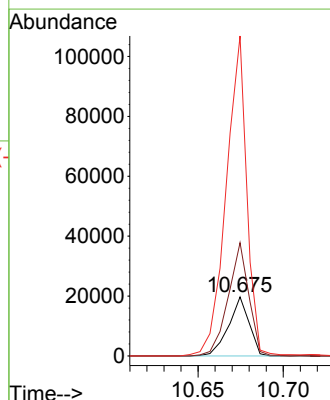
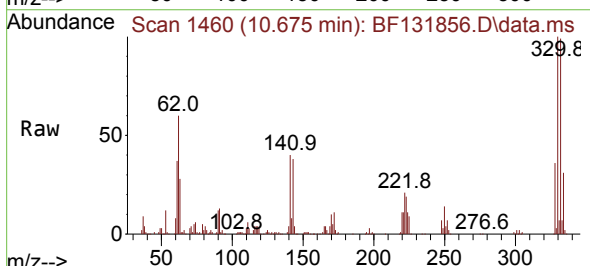
Tgt Ion:248 Resp: 16576

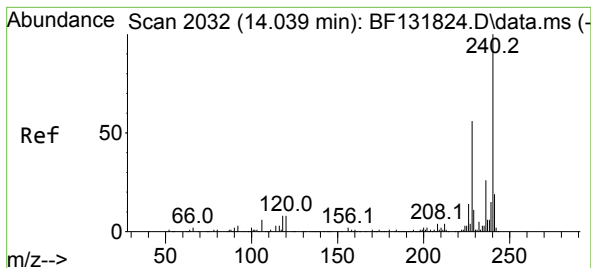
Ion Ratio Lower Upper

248 100

250 192.1 78.0 117.0#

141 542.6 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF131856.D

Acq: 28 Dec 2022 12:01

Instrument :

BNA_F

ClientSampleId :

PB149912BL

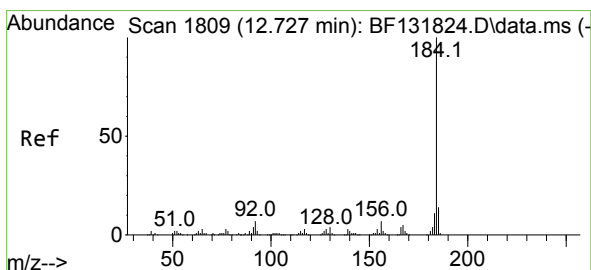
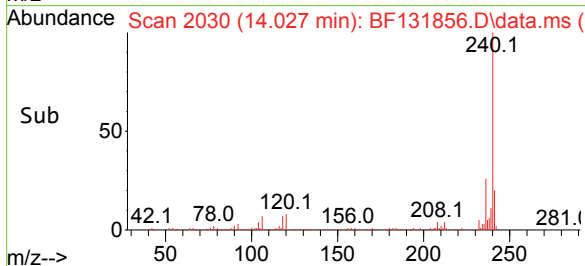
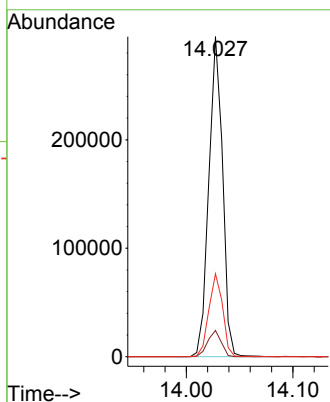
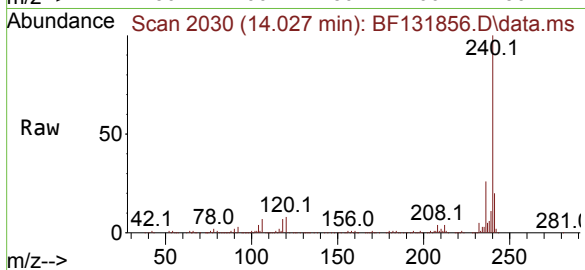
Tgt Ion:240 Resp: 264554

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

236 25.9 20.6 31.0



#77

Benzdine

Concen: 4.252 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF131856.D

Acq: 28 Dec 2022 12:01

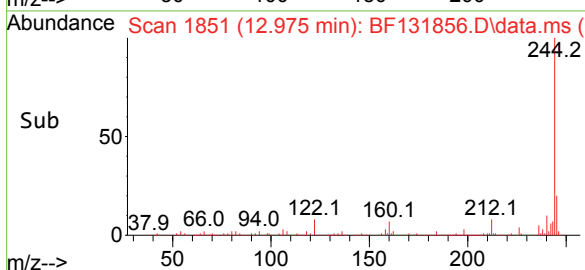
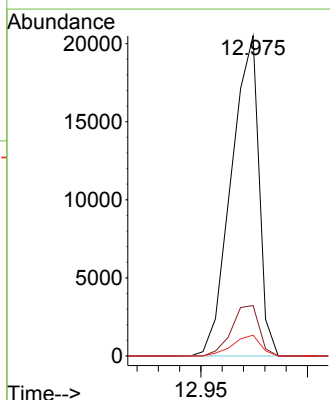
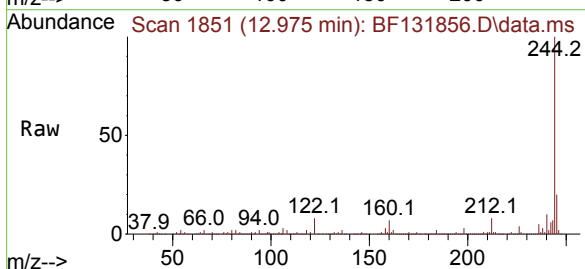
Tgt Ion:184 Resp: 18486

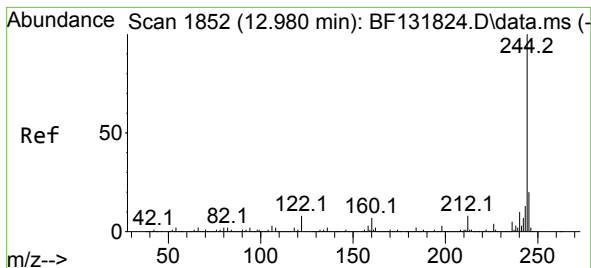
Ion Ratio Lower Upper

184 100

185 15.7 11.6 17.4

183 6.5 9.0 13.4#





#79

Terphenyl-d14

Concen: 77.906 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF131856.D

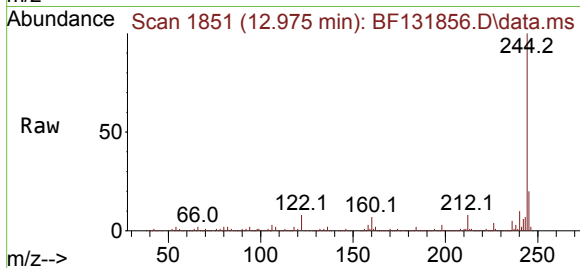
Acq: 28 Dec 2022 12:01

Instrument :

BNA_F

ClientSampleId :

PB149912BL



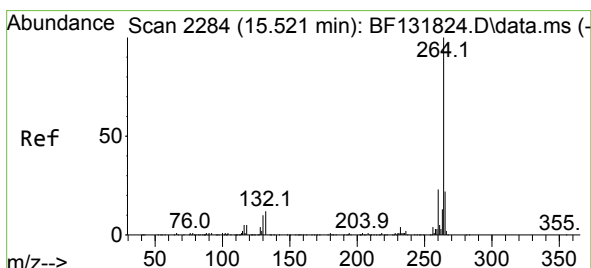
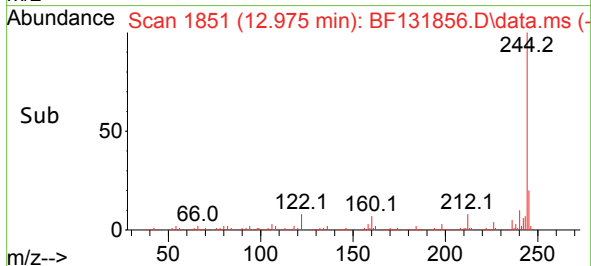
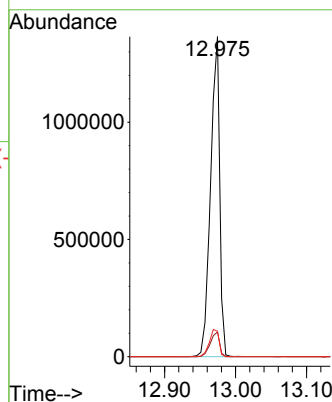
Tgt Ion:244 Resp: 1218445

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.0 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF131856.D

Acq: 28 Dec 2022 12:01

Tgt Ion:264 Resp: 211951

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.2 17.4 26.0

