

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131860.D
 Acq On : 28 Dec 2022 14:43
 Operator : CG\JU
 Sample : PB149939BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149939BL

Quant Time: Dec 29 00:54:57 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)

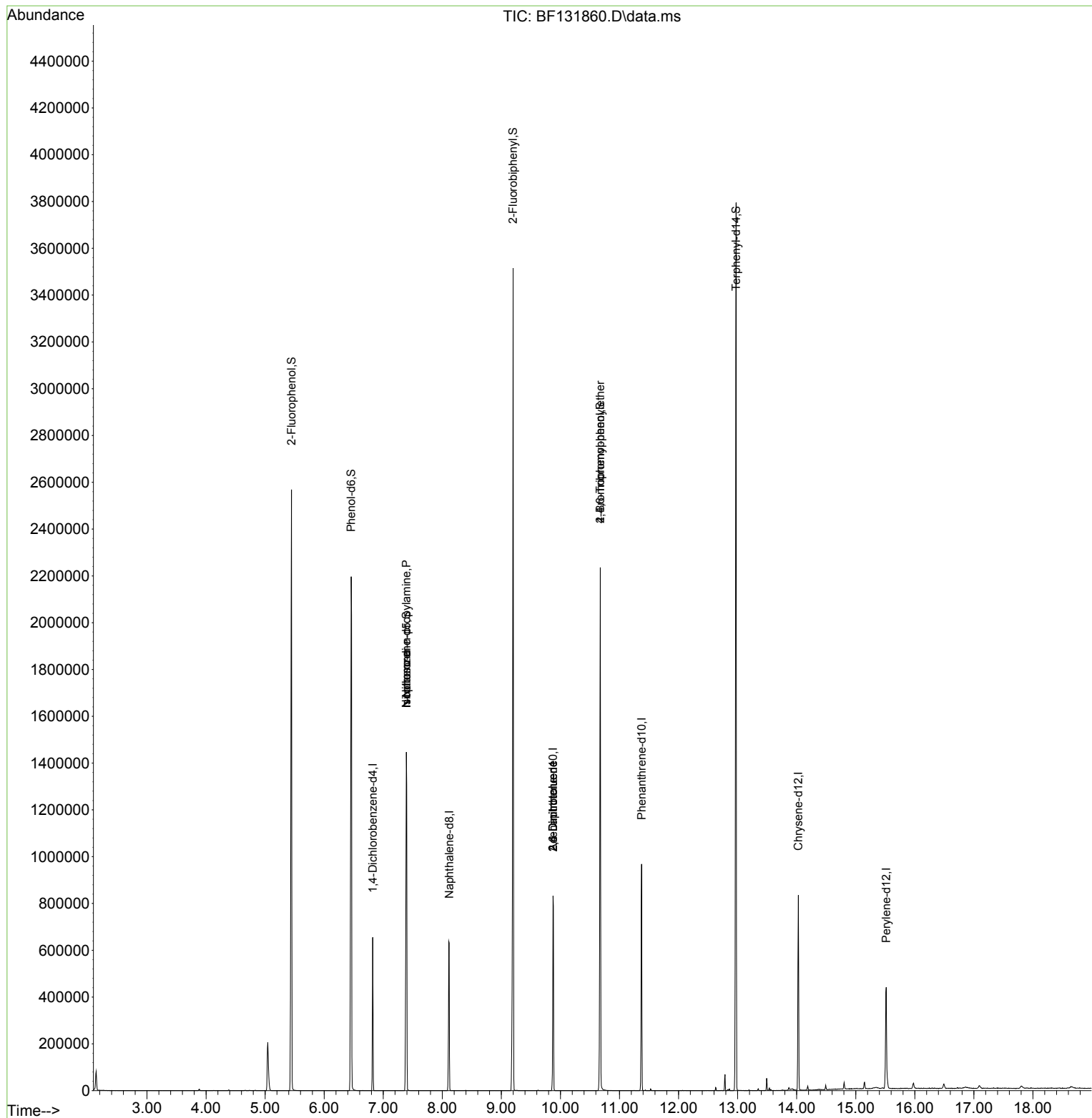
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	80011	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	299038	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	178982	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	347518	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	269419	20.000	ng	-0.01
86) Perylene-d12	15.515	264	200105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	660673	136.841	ng	0.00
7) Phenol-d6	6.457	99	873583	137.721	ng	-0.01
23) Nitrobenzene-d5	7.392	82	598198	79.868	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	246181	126.594	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1032282	79.000	ng	-0.01
79) Terphenyl-d14	12.974	244	1315032	82.563	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	83255	18.584	ng	# 82
25) Isophorone	7.392	82	592006	48.400	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	22542	7.690	ng	# 17
57) 2,4-Dinitrotoluene	9.875	165	22542	5.623	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	16097	3.997	ng	# 1

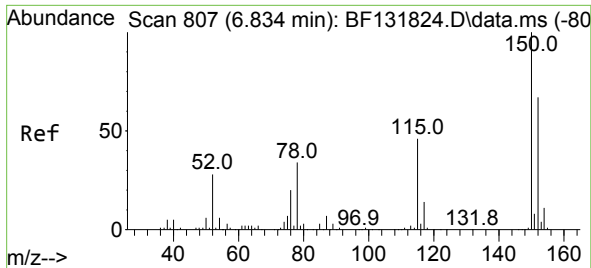
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
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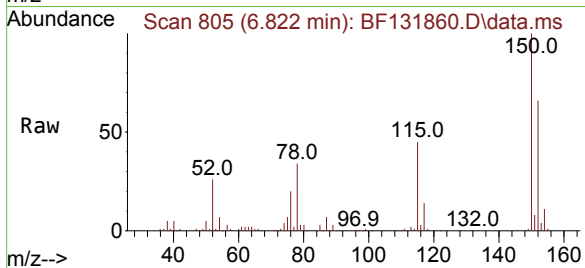
Quant Time: Dec 29 00:54:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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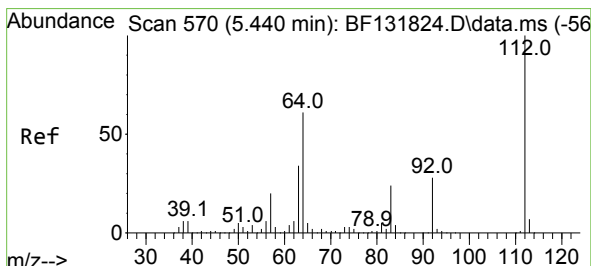
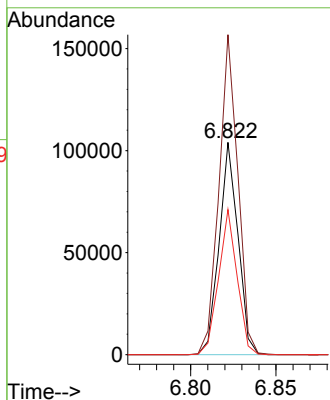
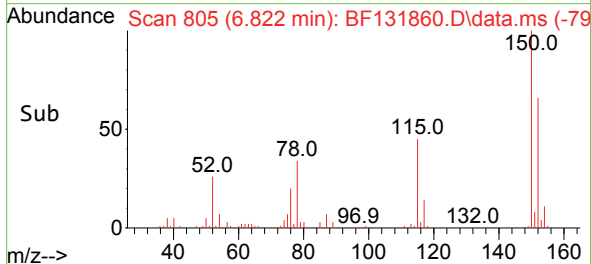


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

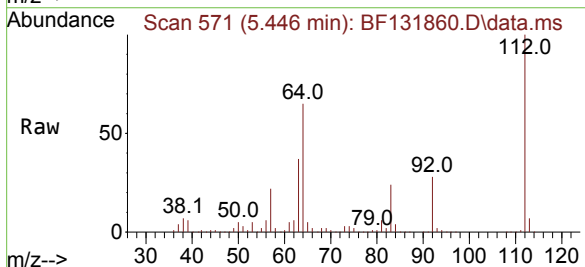
Instrument :
BNA_F
ClientSampleId :
PB149939BL



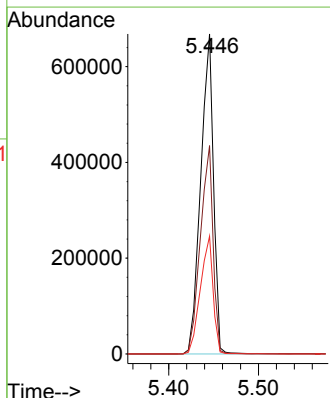
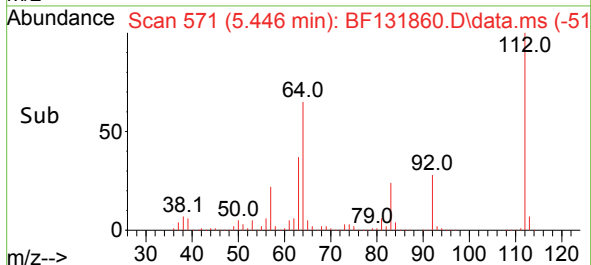
Tgt Ion:152 Resp: 80011
Ion Ratio Lower Upper
152 100
150 150.8 120.0 180.0
115 68.4 55.1 82.7

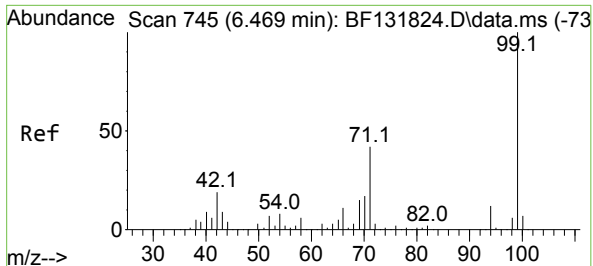


#5
2-Fluorophenol
Concen: 136.841 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43



Tgt Ion:112 Resp: 660673
Ion Ratio Lower Upper
112 100
64 65.1 49.2 73.8
63 36.8 27.5 41.3

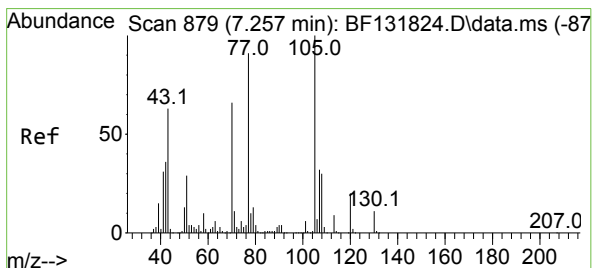
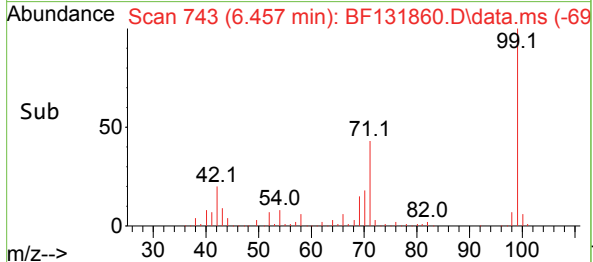
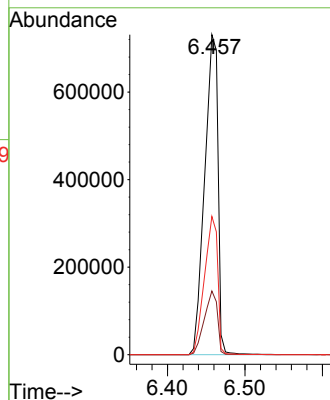
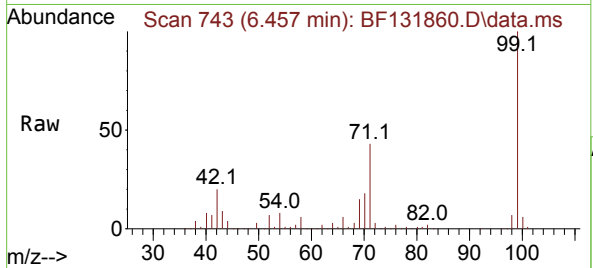




#7
Phenol-d6
Concen: 137.721 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

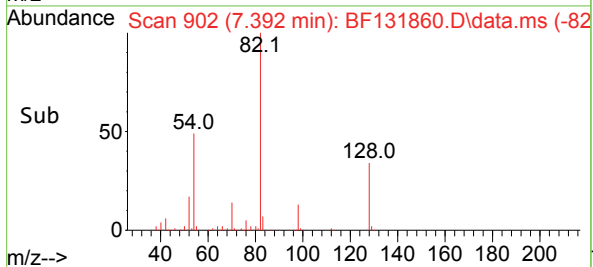
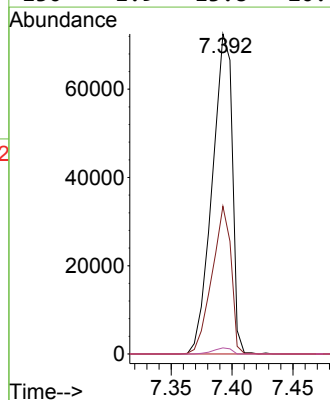
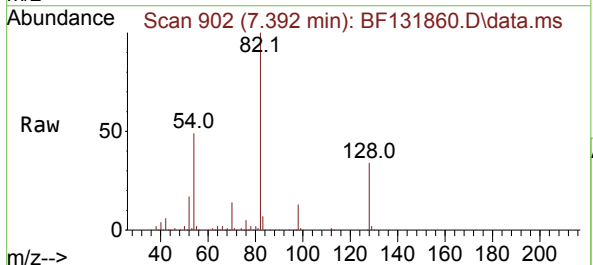
Instrument :
BNA_F
ClientSampleId :
PB149939BL

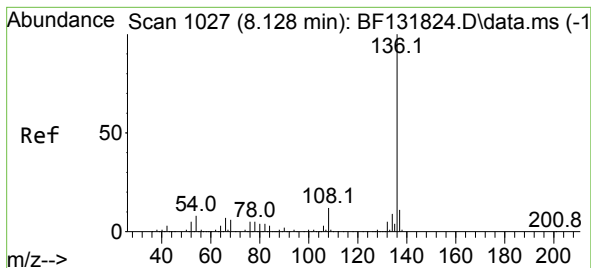
Tgt Ion: 99 Resp: 873583
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.2 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.584 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Tgt Ion: 70 Resp: 83255
Ion Ratio Lower Upper
70 100
42 46.2 43.8 65.6
101 0.0 7.4 11.0#
130 1.9 13.8 20.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131860.D

Acq: 28 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149939BL

Tgt Ion:136 Resp: 299038

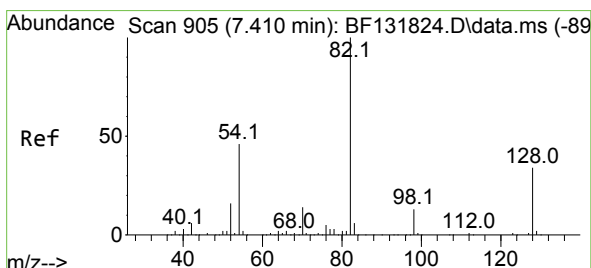
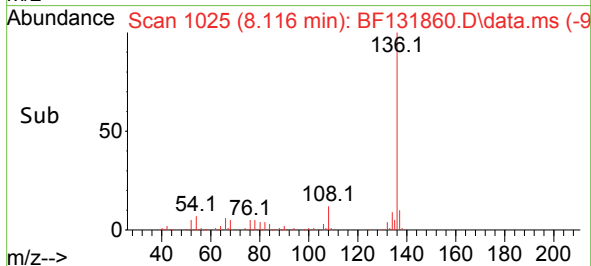
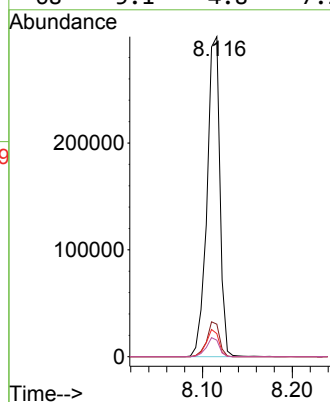
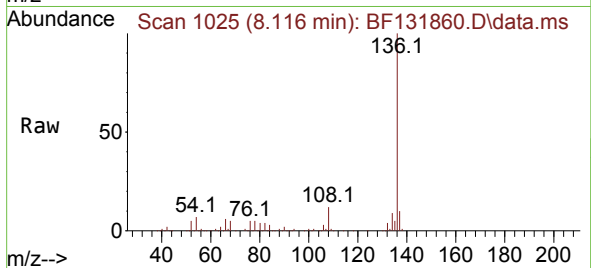
Ion Ratio Lower Upper

136 100

137 10.2 8.6 12.8

54 7.2 6.7 10.1

68 5.1 4.8 7.2



#23

Nitrobenzene-d5

Concen: 79.868 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.018 min

Lab File: BF131860.D

Acq: 28 Dec 2022 14:43

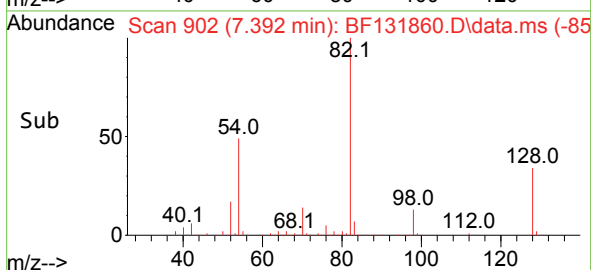
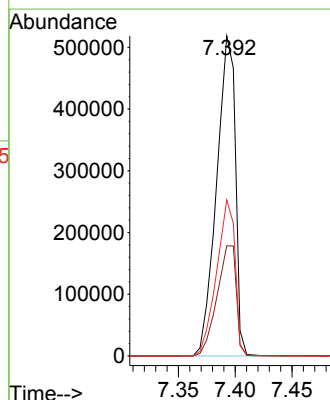
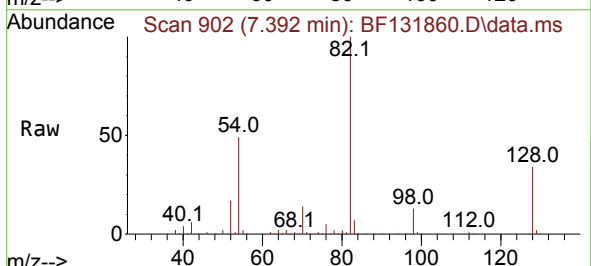
Tgt Ion: 82 Resp: 598198

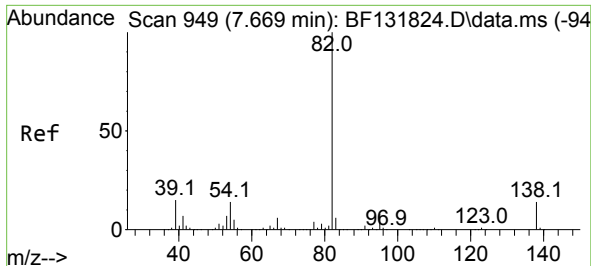
Ion Ratio Lower Upper

82 100

128 34.4 27.1 40.7

54 48.8 37.0 55.6

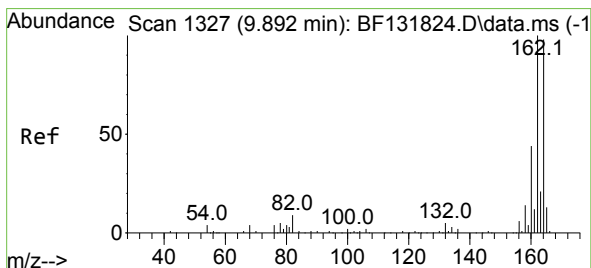
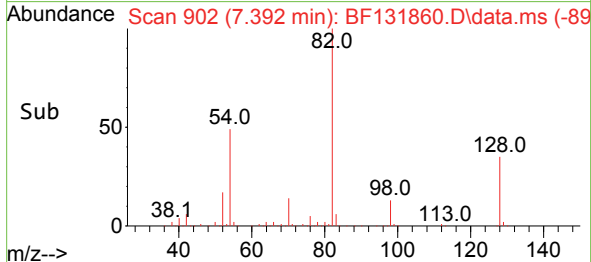
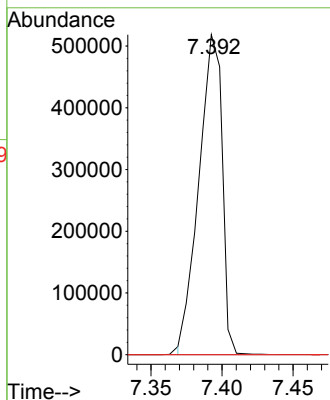
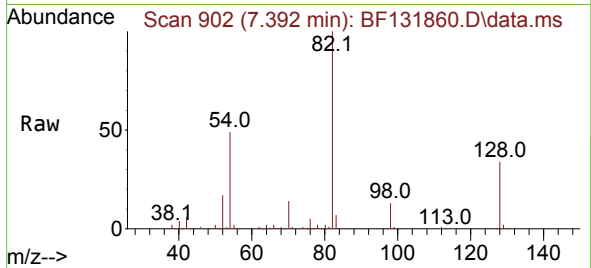




#25
Isophorone
Concen: 48.400 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

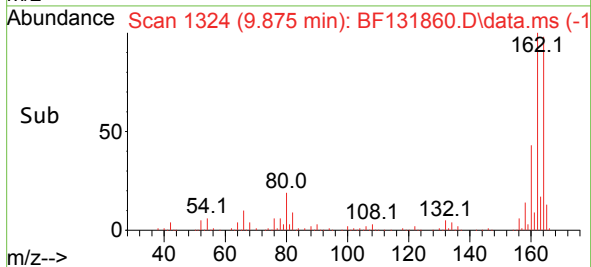
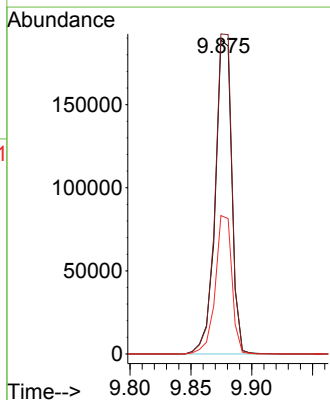
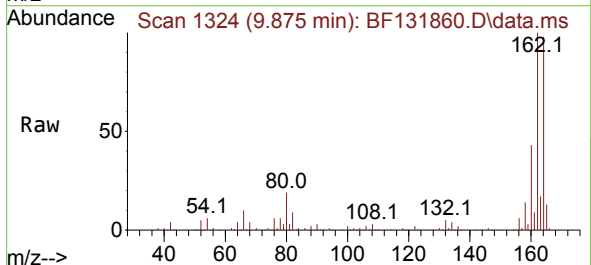
Instrument :
BNA_F
ClientSampleId :
PB149939BL

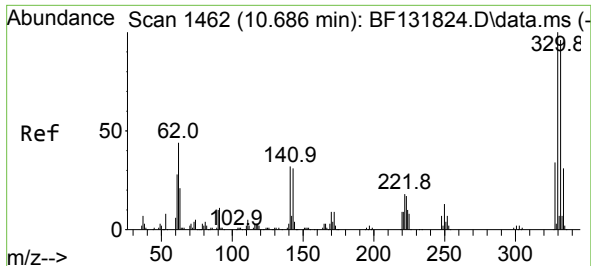
Tgt Ion: 82 Resp: 592006
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

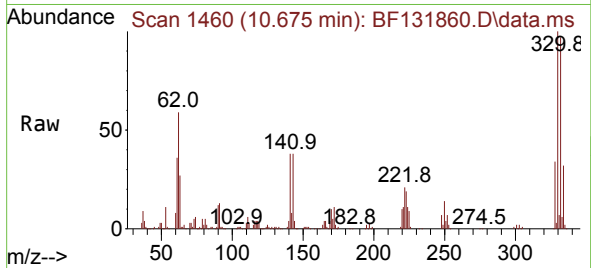
Tgt Ion: 164 Resp: 178982
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 44.1 35.7 53.5



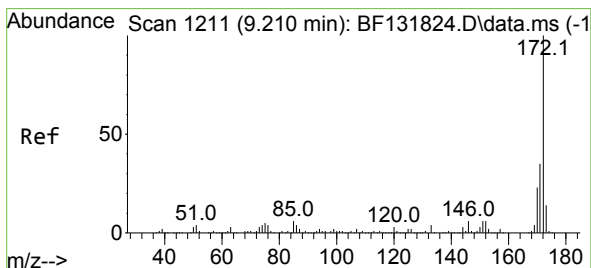
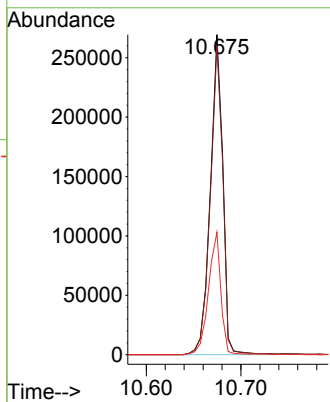
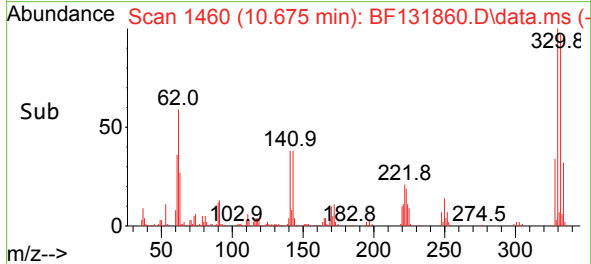


#42
2,4,6-Tribromophenol
Concen: 126.594 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

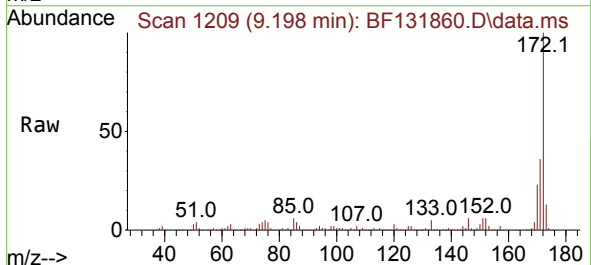
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ClientSampleId :
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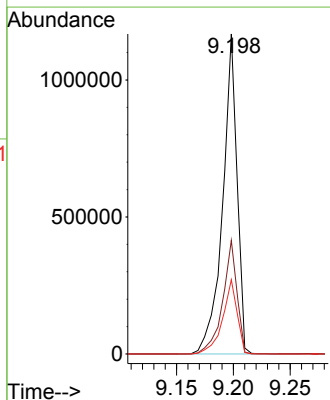
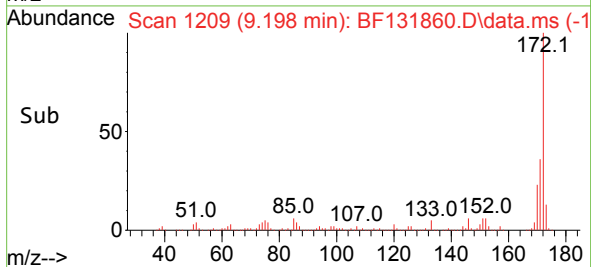
Tgt Ion:330 Resp: 246181
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 38.5 31.0 46.4

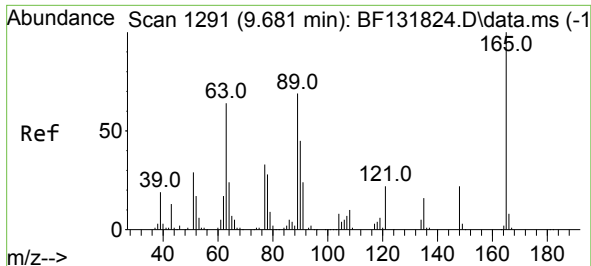


#45
2-Fluorobiphenyl
Concen: 79.000 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43



Tgt Ion:172 Resp: 1032282
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.2 18.7 28.1

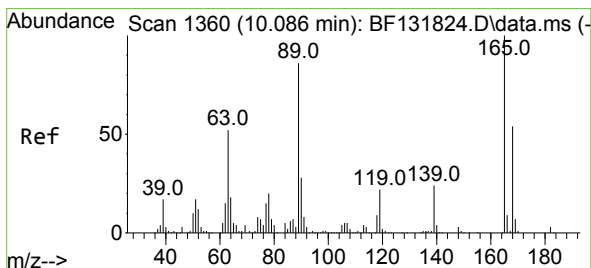
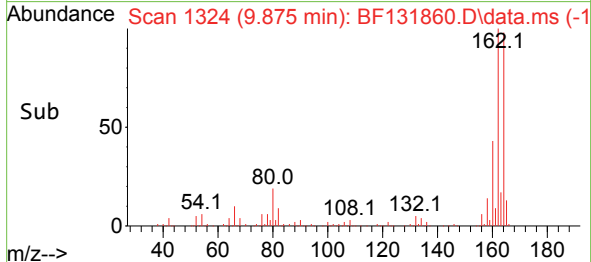
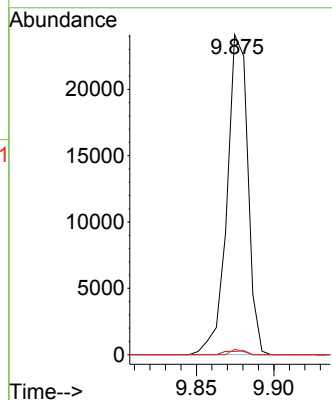
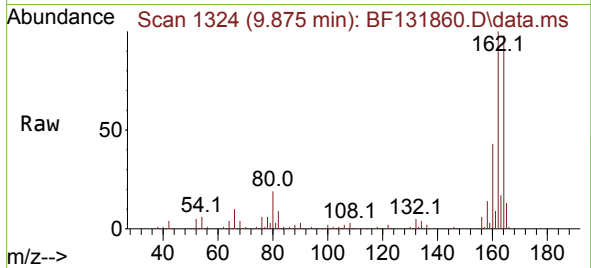




#51
2,6-Dinitrotoluene
Concen: 7.690 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

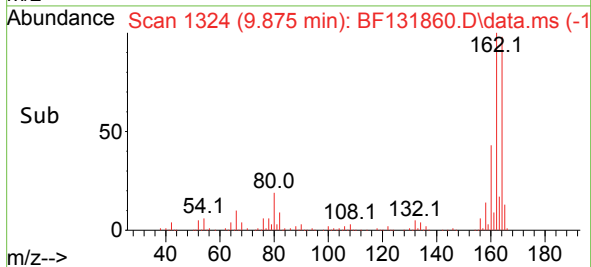
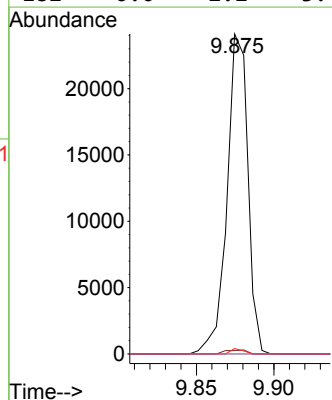
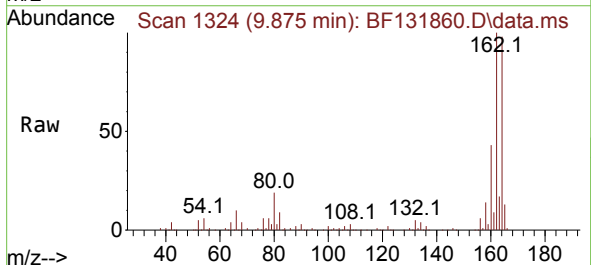
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ClientSampleId :
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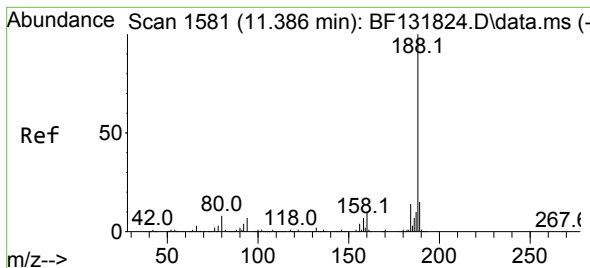
Tgt Ion:165 Resp: 22542
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 1.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.623 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Tgt Ion:165 Resp: 22542
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: BF131860.D

Acq: 28 Dec 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB149939BL

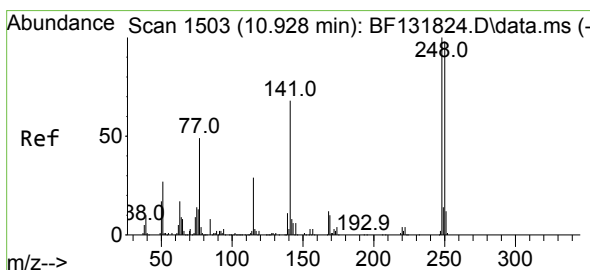
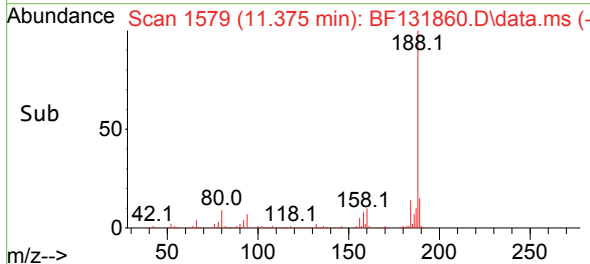
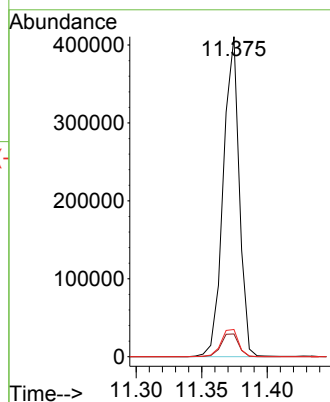
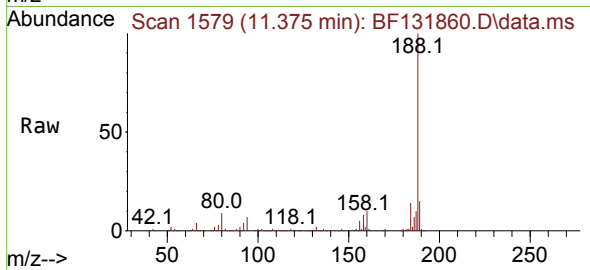
Tgt Ion:188 Resp: 347518

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.5 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.997 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF131860.D

Acq: 28 Dec 2022 14:43

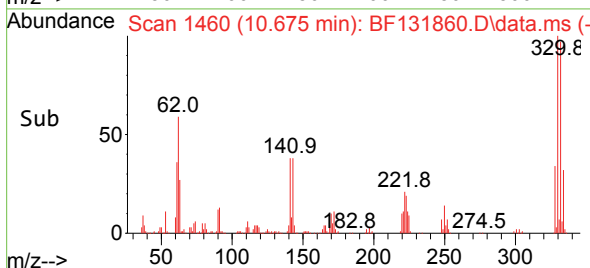
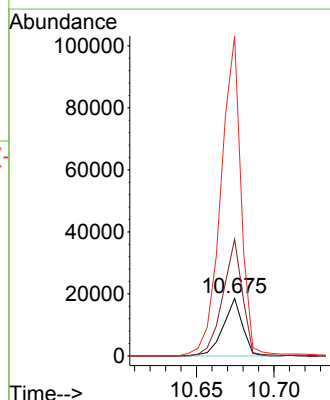
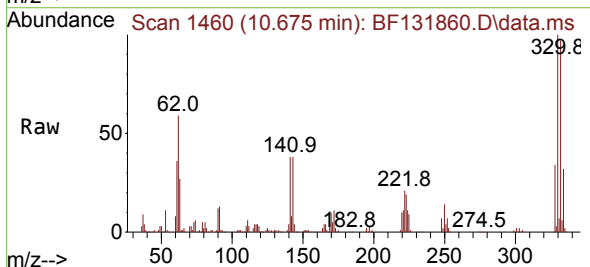
Tgt Ion:248 Resp: 16097

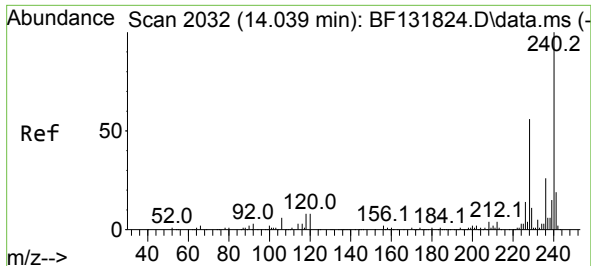
Ion Ratio Lower Upper

248 100

250 202.8 78.0 117.0#

141 555.5 54.8 82.2#

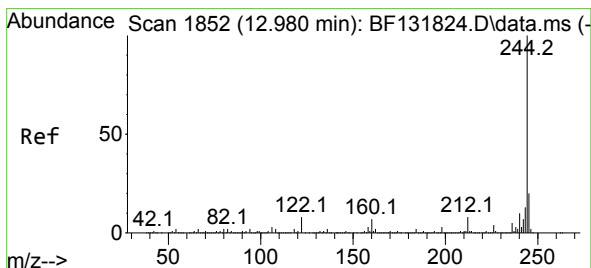
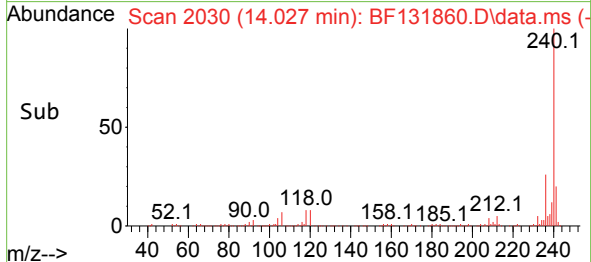
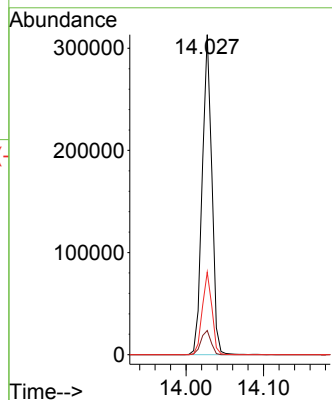
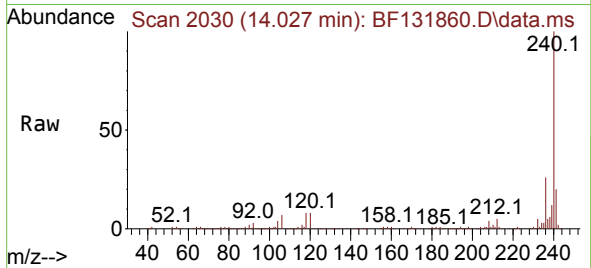




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

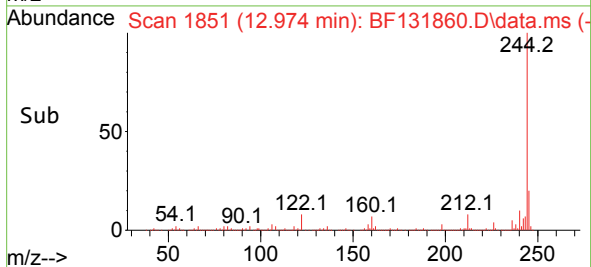
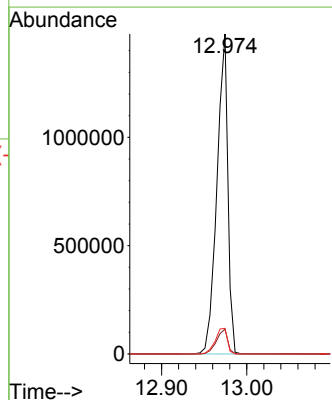
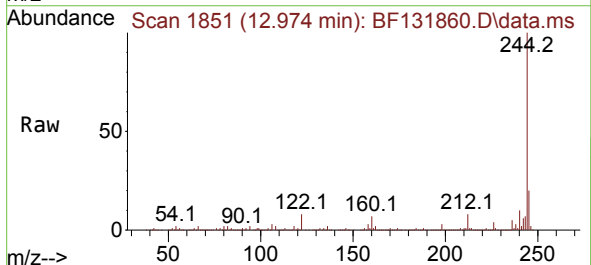
Instrument :
BNA_F
ClientSampleId :
PB149939BL

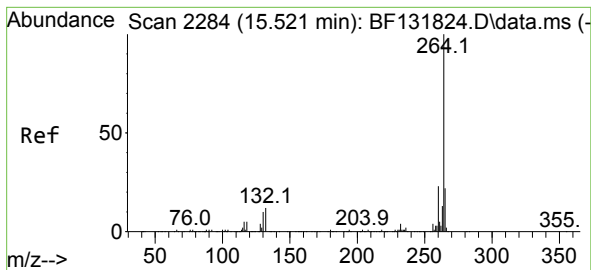
Tgt Ion:240 Resp: 269419
Ion Ratio Lower Upper
240 100
120 7.6 6.7 10.1
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 82.563 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Tgt Ion:244 Resp: 1315032
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# 21
Delta R.T. -0.006 min
Lab File: BF131860.D
Acq: 28 Dec 2022 14:43

Instrument :
BNA_F
ClientSampleId :
PB149939BL

Tgt Ion:264 Resp: 200105
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.5 17.4 26.0

