

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134526.D
 Acq On : 28 Jul 2023 21:06
 Operator : CG\JU
 Sample : 03742-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-04

Quant Time: Jul 29 01:28:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

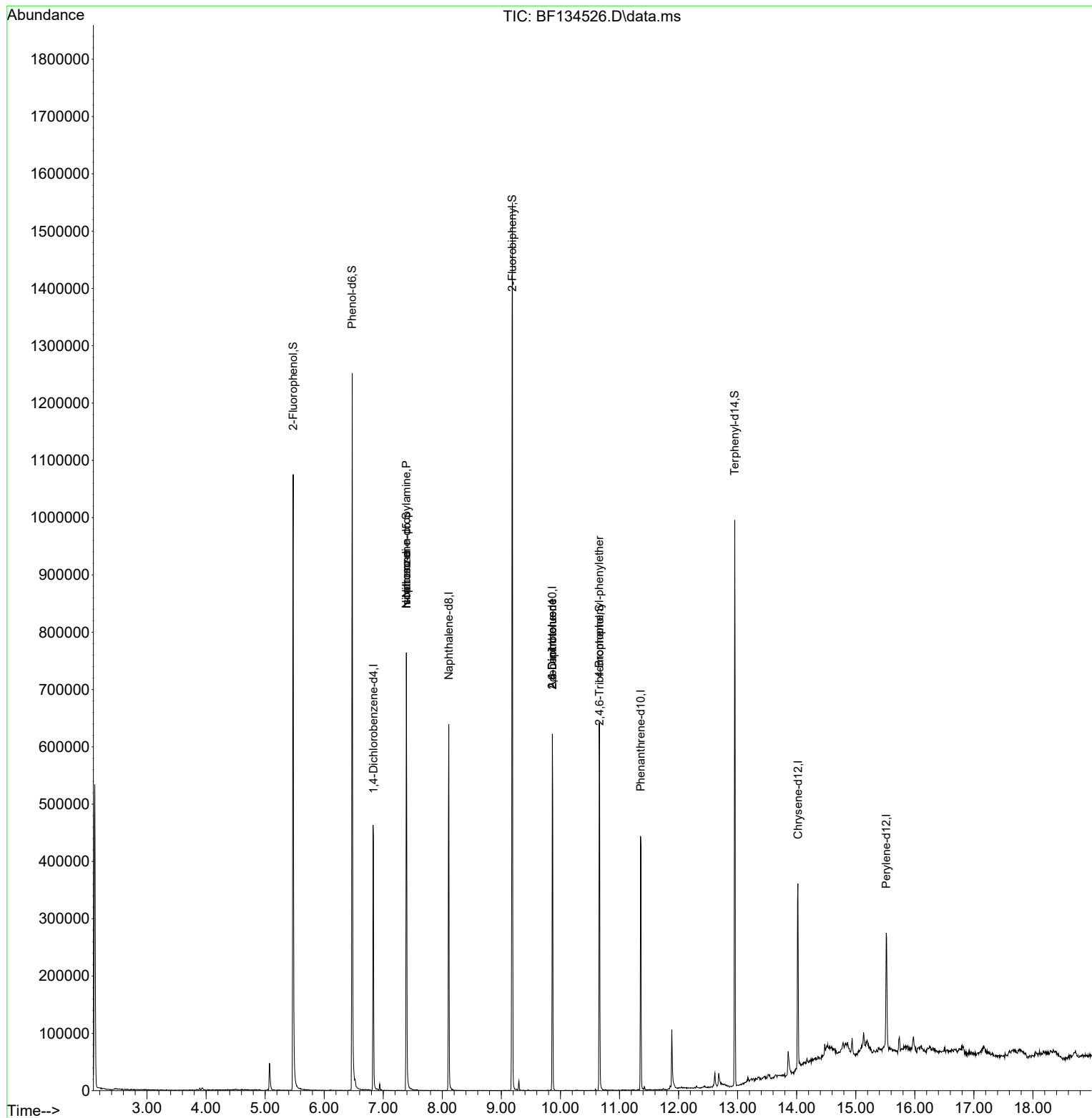
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	72613	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	268517	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	119449	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	173576	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	112948	20.000	ng	0.00
86) Perylene-d12	15.515	264	96862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	293050	66.679	ng	0.01
7) Phenol-d6	6.475	99	371864	69.060	ng	0.00
23) Nitrobenzene-d5	7.392	82	221441	41.724	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	81586	48.072	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	459501	50.501	ng	0.00
79) Terphenyl-d14	12.951	244	331778	51.278	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	31583	9.422	ng	# 74
25) Isophorone	7.392	82	221439	25.035	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15038	7.740	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	15038	5.762	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	4902	2.578	ng	# 1

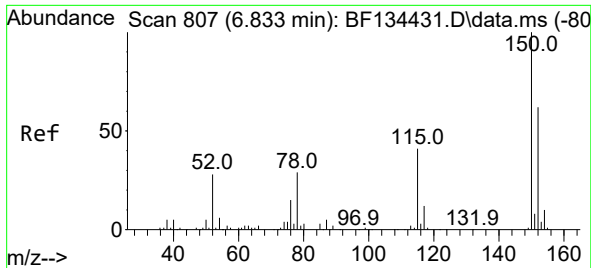
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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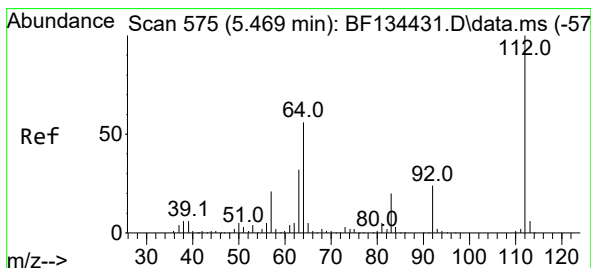
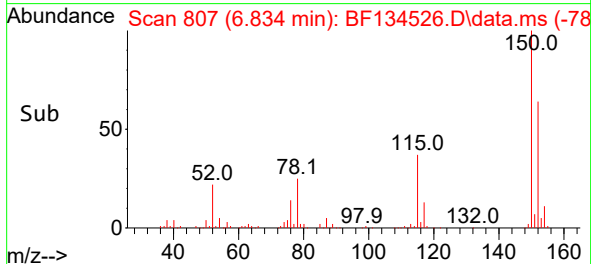
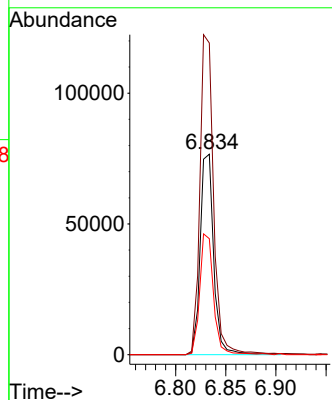
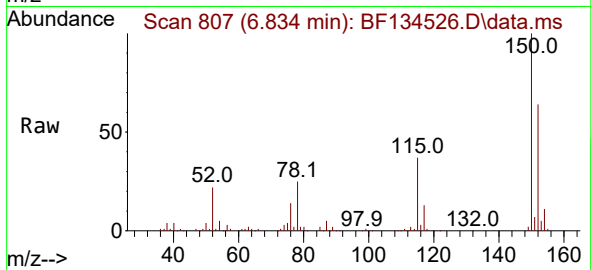




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

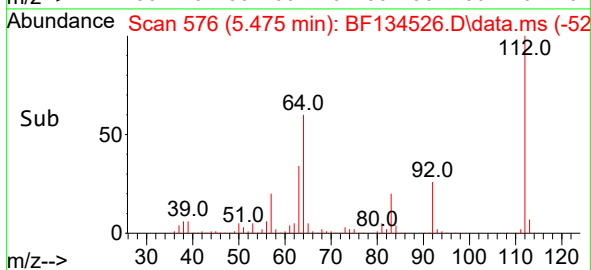
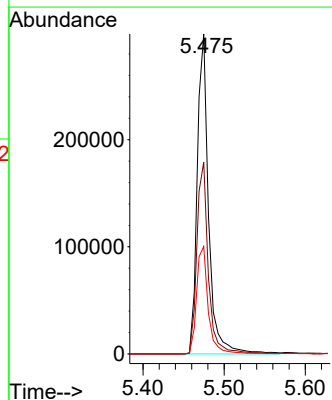
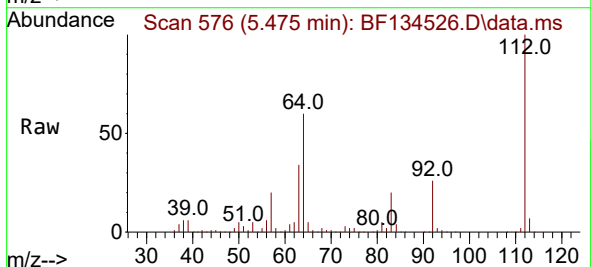
Instrument :
BNA_F
ClientSampleId :
DUP-04

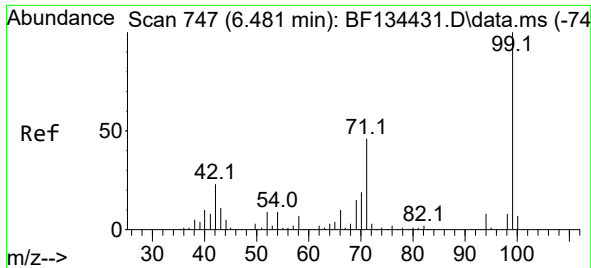
Tgt Ion:152 Resp: 72613
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 57.9 52.4 78.6



#5
2-Fluorophenol
Concen: 66.679 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

Tgt Ion:112 Resp: 293050
Ion Ratio Lower Upper
112 100
64 60.0 44.9 67.3
63 33.6 25.4 38.0

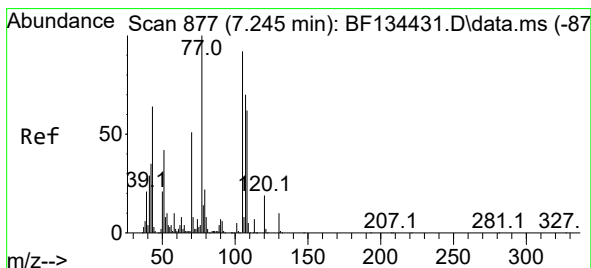
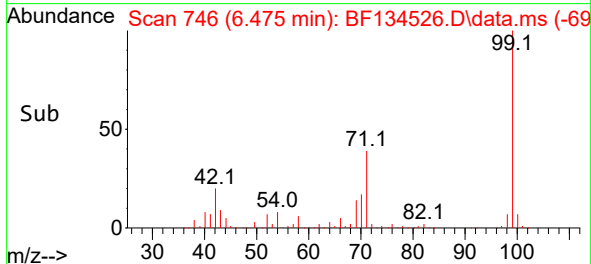
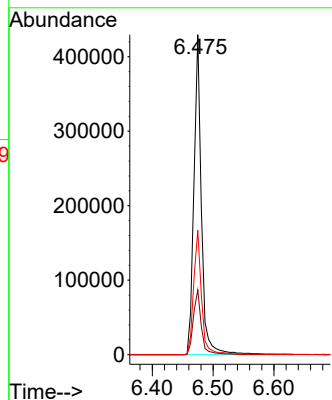
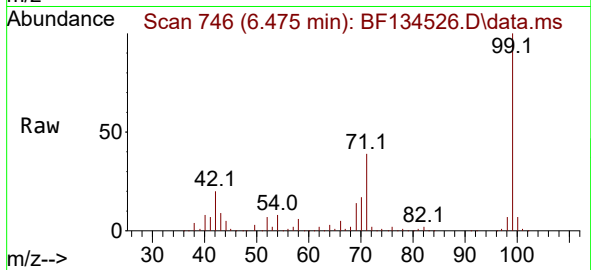




#7
Phenol-d6
Concen: 69.060 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

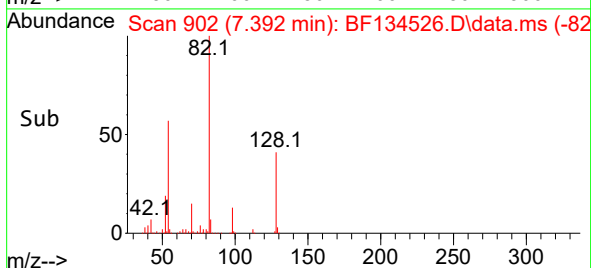
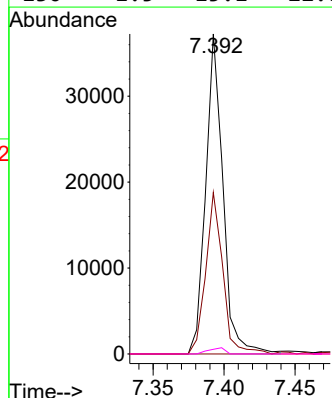
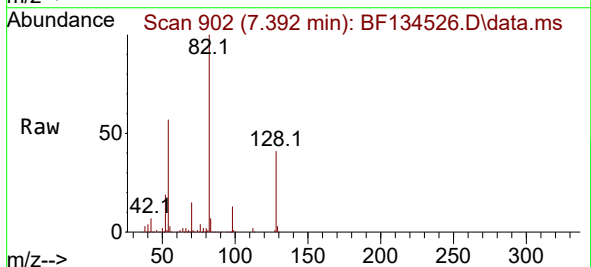
Instrument :
BNA_F
ClientSampleId :
DUP-04

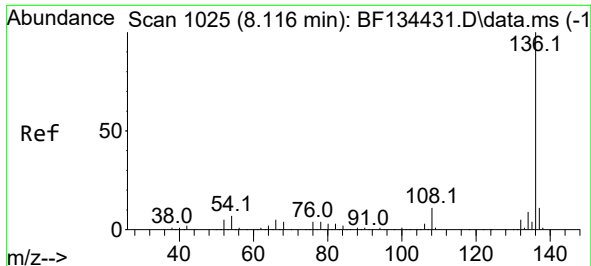
Tgt Ion: 99 Resp: 371864
Ion Ratio Lower Upper
99 100
42 20.2 18.7 28.1
71 38.9 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.422 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

Tgt Ion: 70 Resp: 31583
Ion Ratio Lower Upper
70 100
42 50.5 54.7 82.1#
101 0.0 8.2 12.2#
130 1.5 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF134526.D

Acq: 28 Jul 2023 21:06

Instrument :

BNA_F

ClientSampleId :

DUP-04

Tgt Ion:136 Resp: 268517

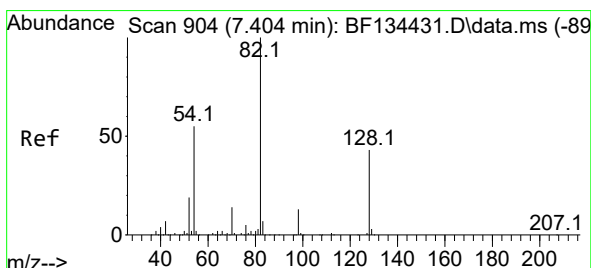
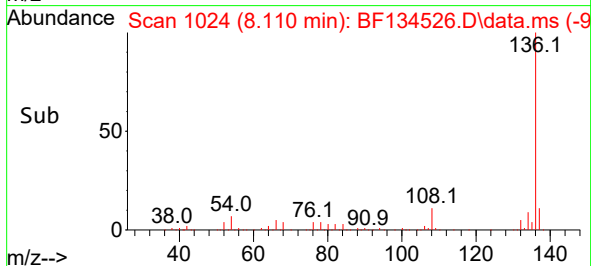
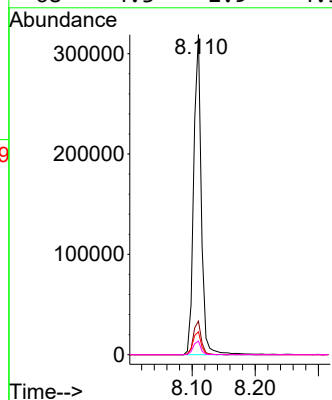
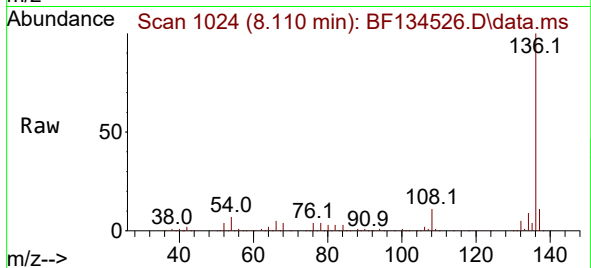
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.1 5.2 7.8

68 4.3 2.9 4.3



#23

Nitrobenzene-d5

Concen: 41.724 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF134526.D

Acq: 28 Jul 2023 21:06

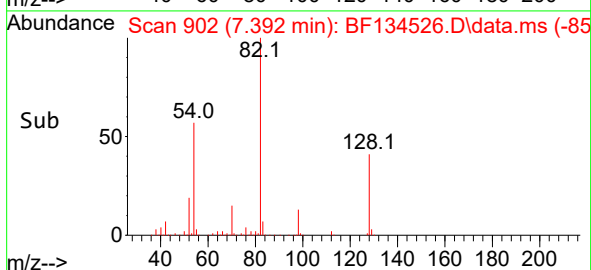
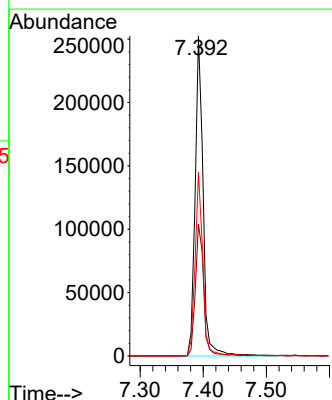
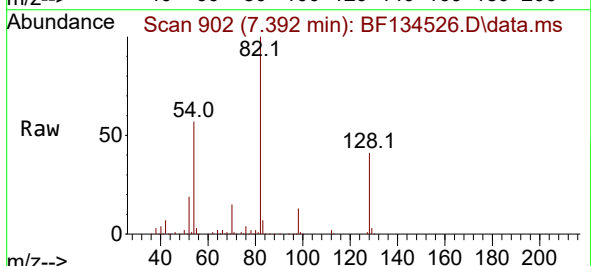
Tgt Ion: 82 Resp: 221441

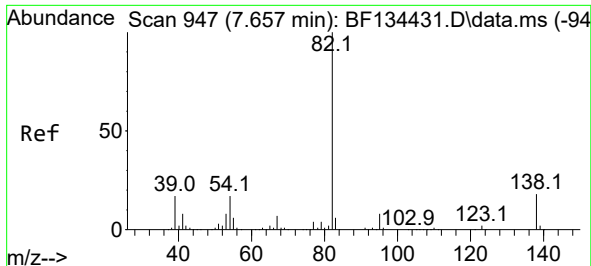
Ion Ratio Lower Upper

82 100

128 41.3 34.3 51.5

54 57.4 43.8 65.6

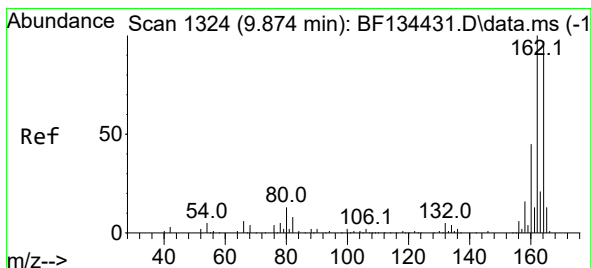
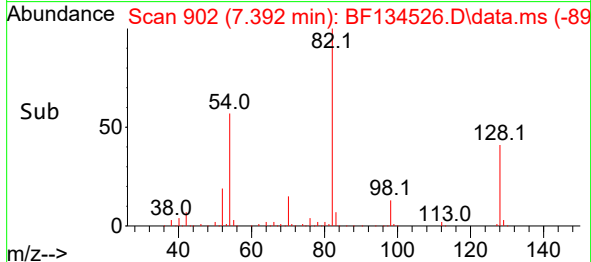
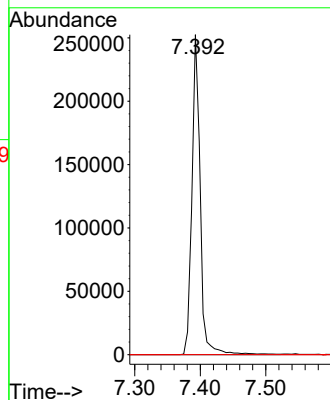
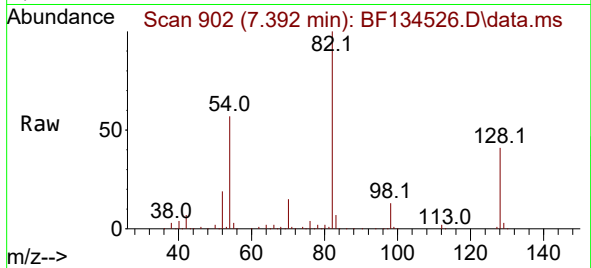




#25
Isophorone
Concen: 25.035 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

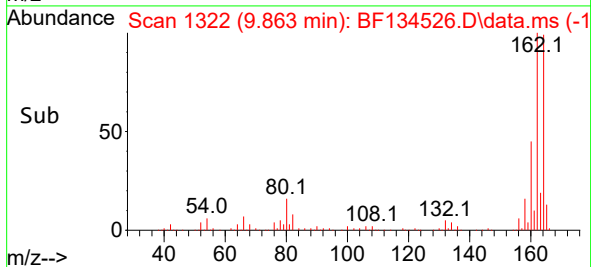
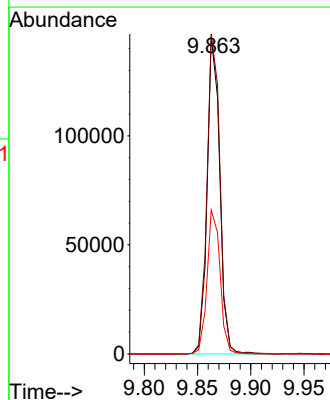
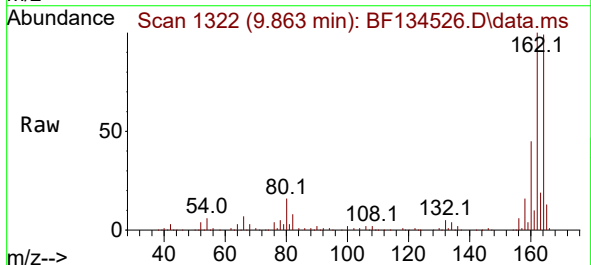
Instrument :
BNA_F
ClientSampleId :
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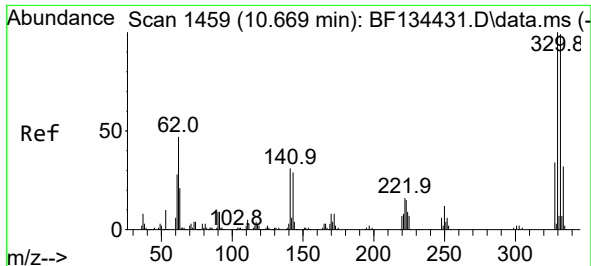
Tgt Ion: 82 Resp: 221439
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

Tgt Ion:164 Resp: 119449
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.4 37.2 55.8

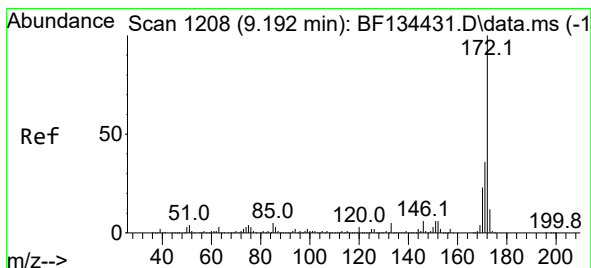
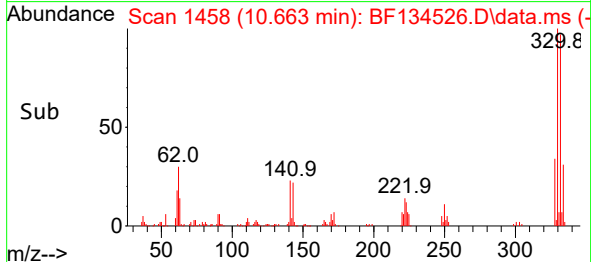
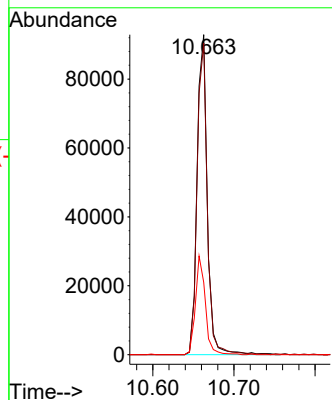
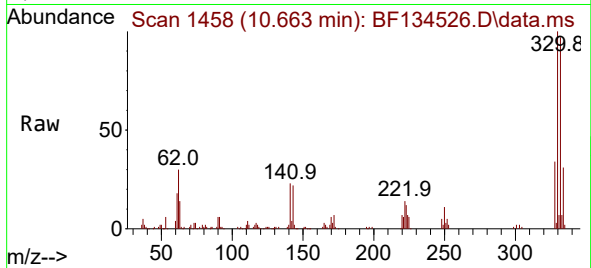




#42
2,4,6-Tribromophenol
Concen: 48.072 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

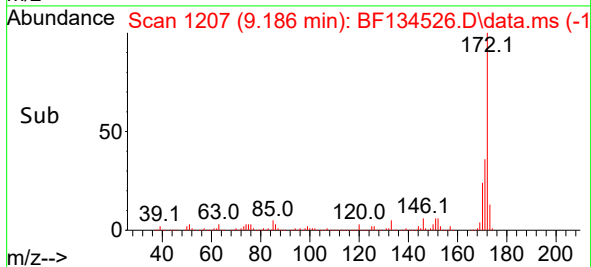
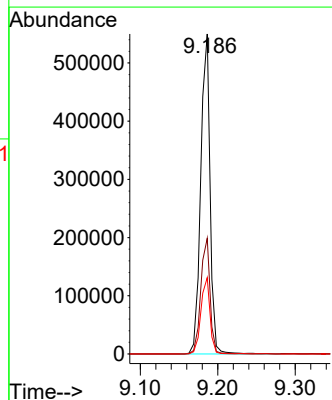
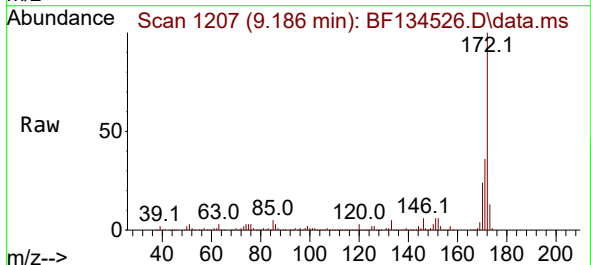
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DUP-04

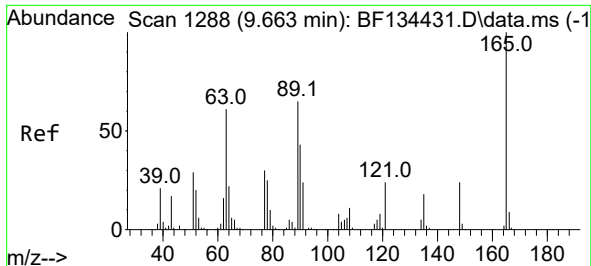
Tgt Ion: 330 Resp: 81586
Ion Ratio Lower Upper
330 100
332 97.4 78.8 118.2
141 29.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 50.501 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

Tgt Ion: 172 Resp: 459501
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.9 18.7 28.1

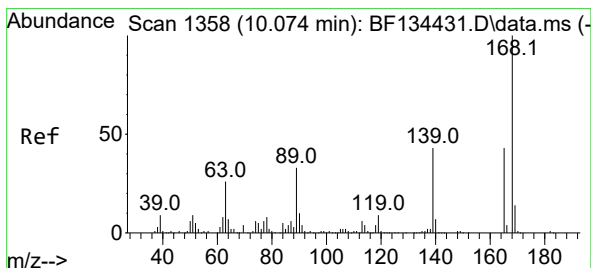
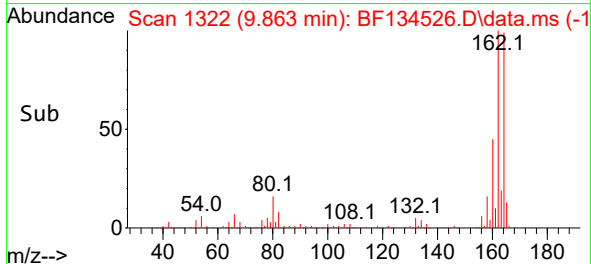
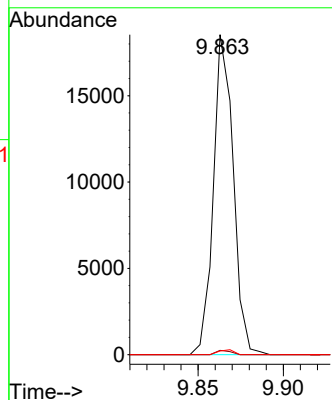
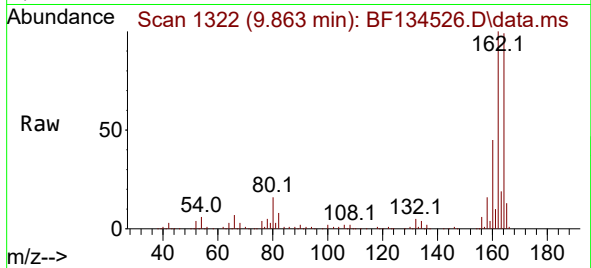




#51
2,6-Dinitrotoluene
Concen: 7.740 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

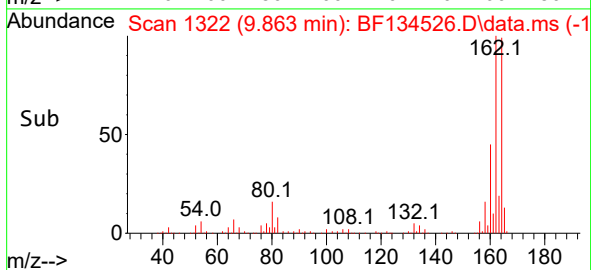
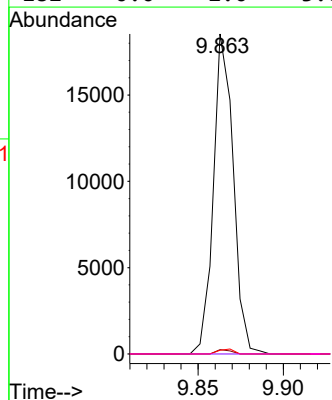
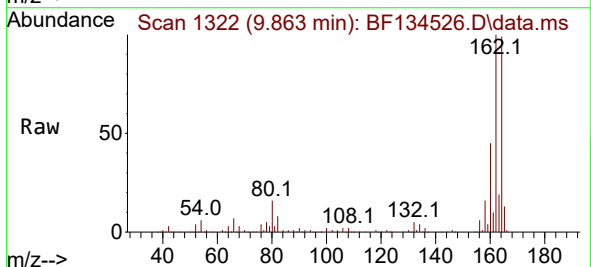
Instrument :
BNA_F
ClientSampleId :
DUP-04

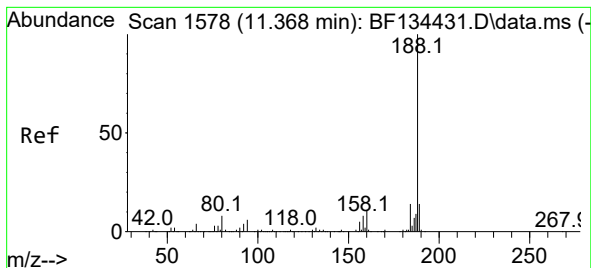
Tgt Ion:165 Resp: 15038
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.206 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

Tgt Ion:165 Resp: 15038
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134526.D

Acq: 28 Jul 2023 21:06

Instrument :

BNA_F

ClientSampleId :

DUP-04

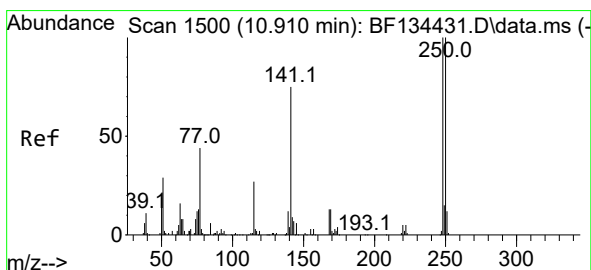
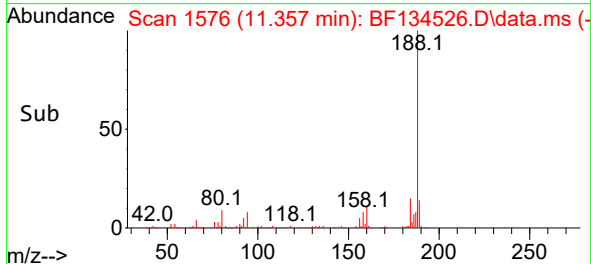
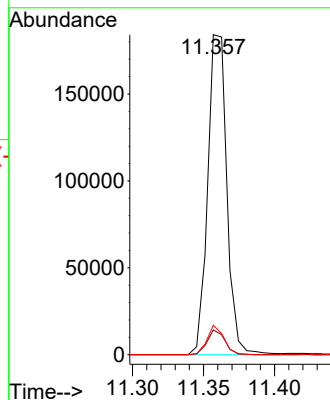
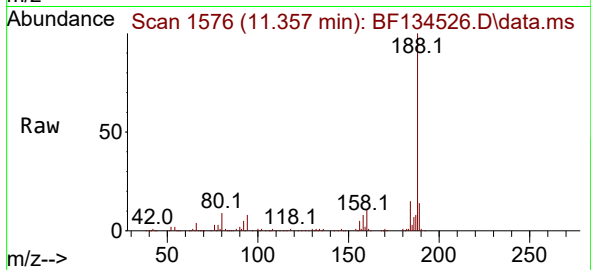
Tgt Ion:188 Resp: 173576

Ion Ratio Lower Upper

188 100

94 7.7 5.1 7.7#

80 9.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 2.578 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.241 min

Lab File: BF134526.D

Acq: 28 Jul 2023 21:06

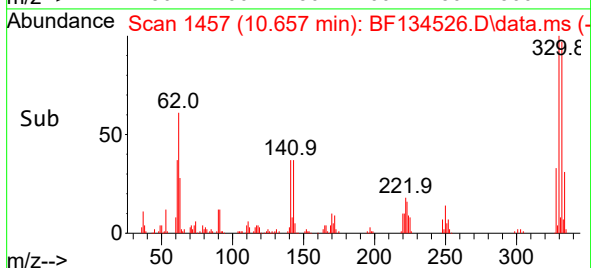
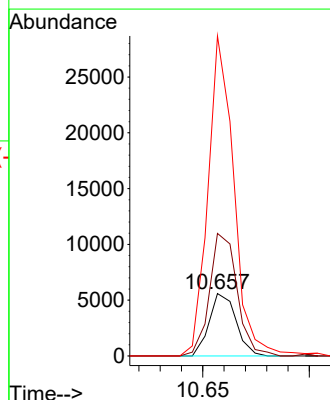
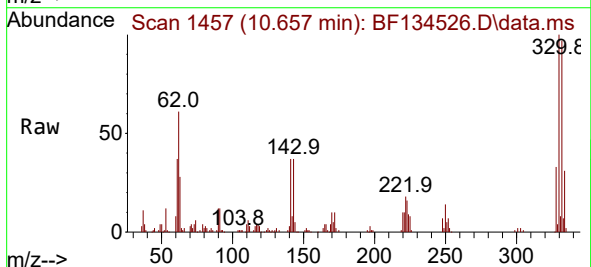
Tgt Ion:248 Resp: 4902

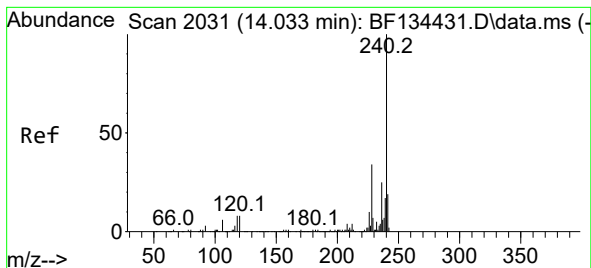
Ion Ratio Lower Upper

248 100

250 196.4 79.6 119.4#

141 512.7 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134526.D

Acq: 28 Jul 2023 21:06

Instrument :

BNA_F

ClientSampleId :

DUP-04

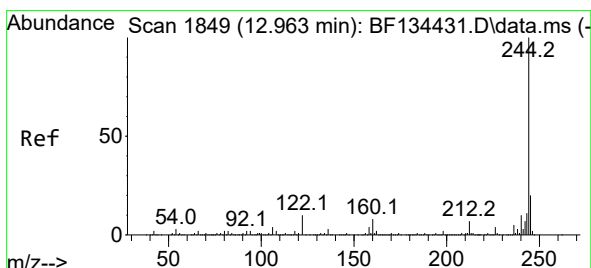
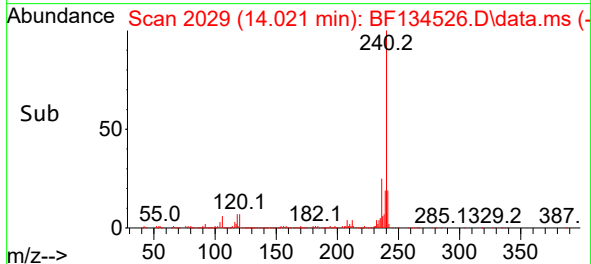
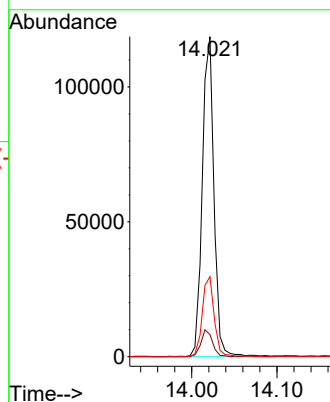
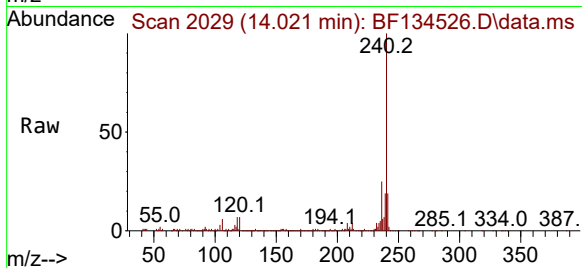
Tgt Ion:240 Resp: 112948

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 51.278 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134526.D

Acq: 28 Jul 2023 21:06

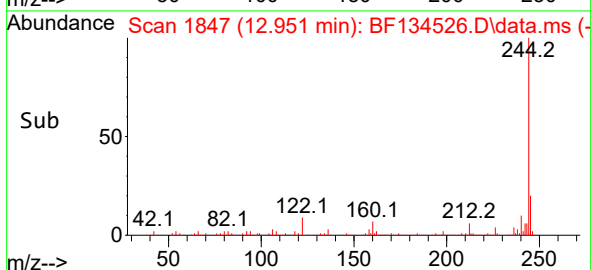
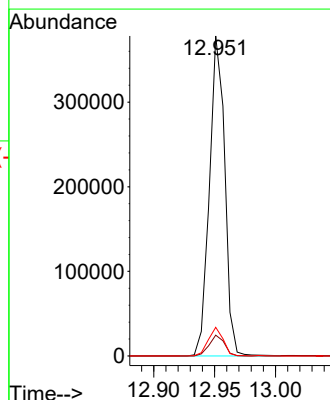
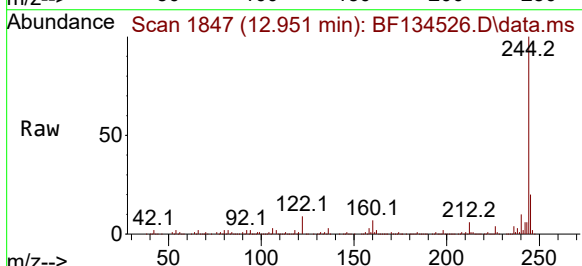
Tgt Ion:244 Resp: 331778

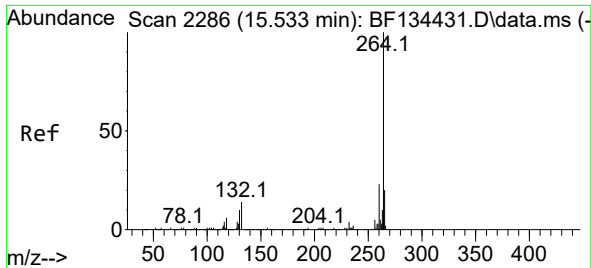
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

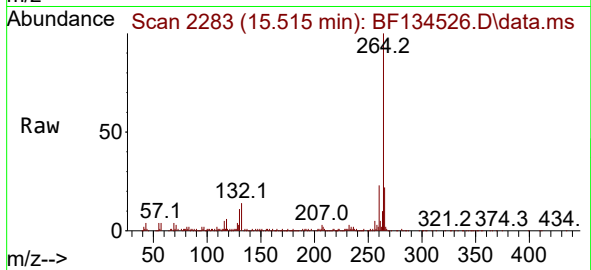
122 8.9 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134526.D
Acq: 28 Jul 2023 21:06

Instrument :
BNA_F
ClientSampleId :
DUP-04



Tgt Ion:	264	Resp:	96862
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.4	27.6
265	22.0	15.8	23.8

