

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134513.D
 Acq On : 27 Jul 2023 19:22
 Operator : CG\JU
 Sample : 03706-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P20A

Quant Time: Jul 28 02:07:21 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)

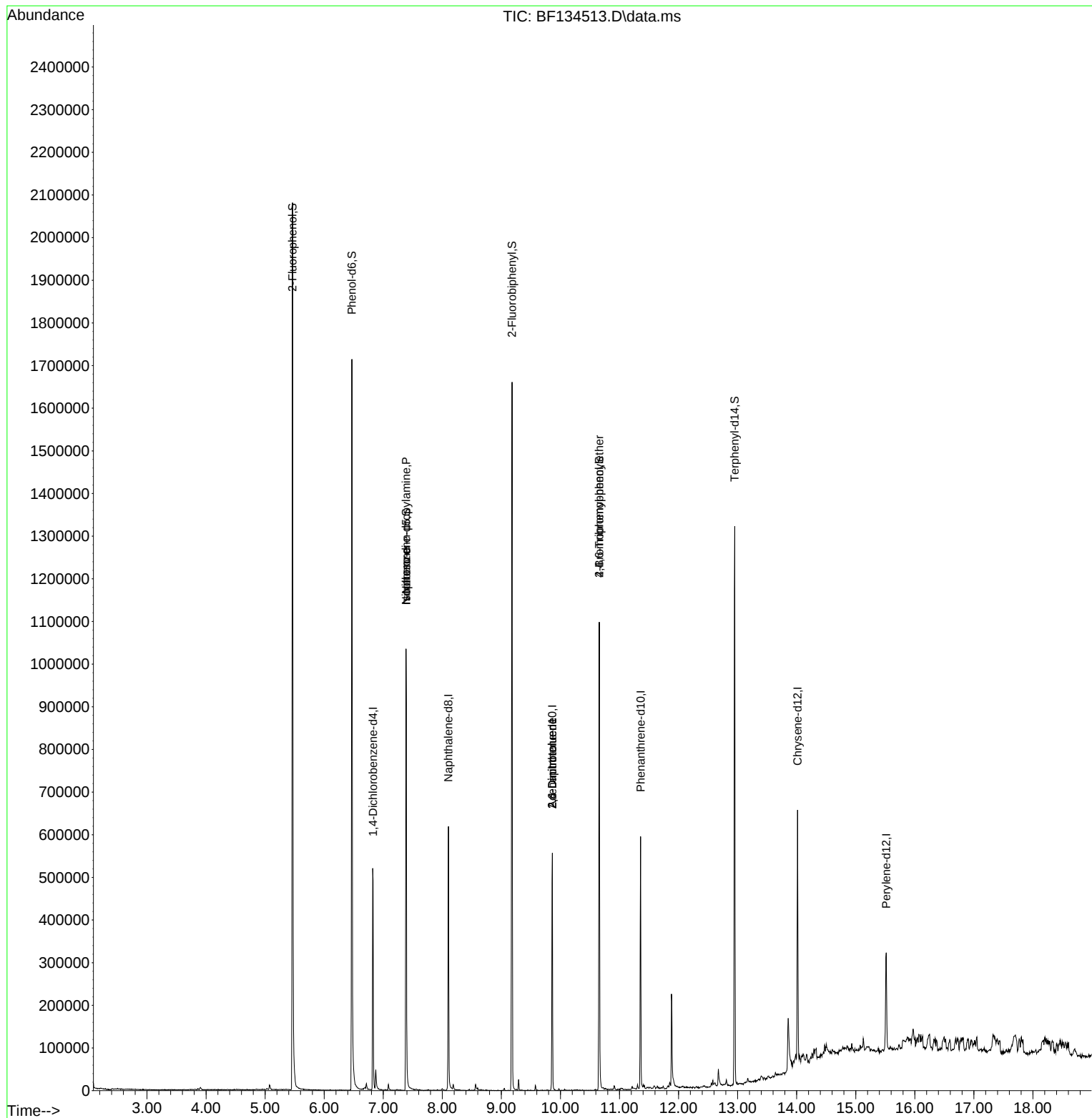
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	81063	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	251100	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	108648	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	201873	20.000	ng	0.00
76) Chrysene-d12	14.016	240	177361	20.000	ng	0.00
86) Perylene-d12	15.515	264	112628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	549379	111.972	ng	0.00
7) Phenol-d6	6.469	99	508160	84.534	ng	0.00
23) Nitrobenzene-d5	7.387	82	331643	66.823	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	130170	84.324	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	457582	55.290	ng	0.00
79) Terphenyl-d14	12.951	244	461307	45.404	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	47218	12.618	ng	# 78
25) Isophorone	7.387	82	331640	40.095	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	14037	7.943	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	14037	5.914	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	7862	3.555	ng	# 1

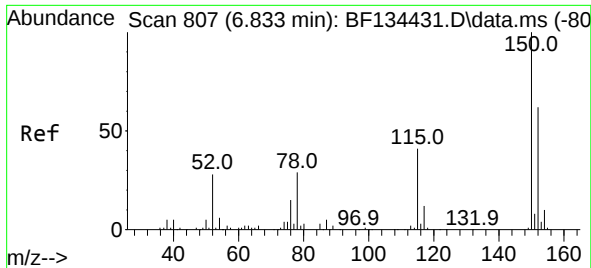
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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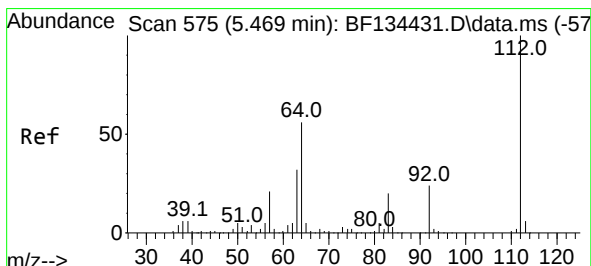
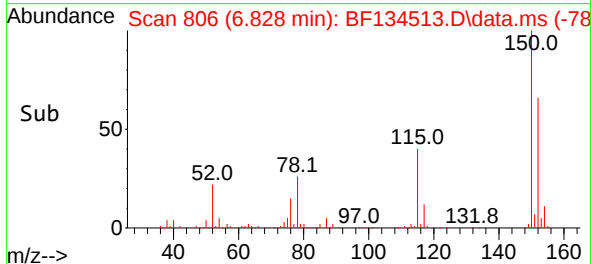
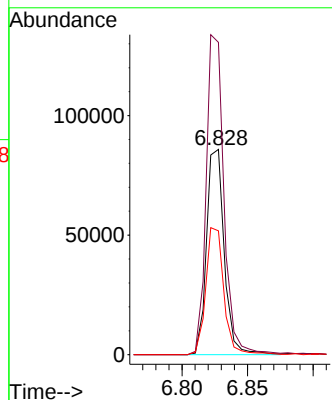
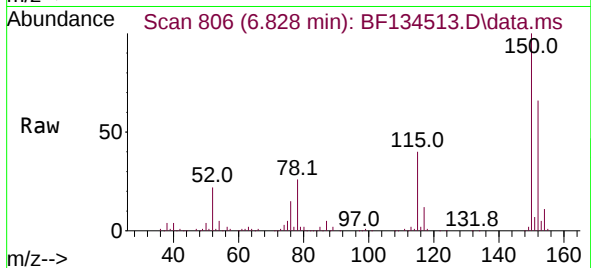




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

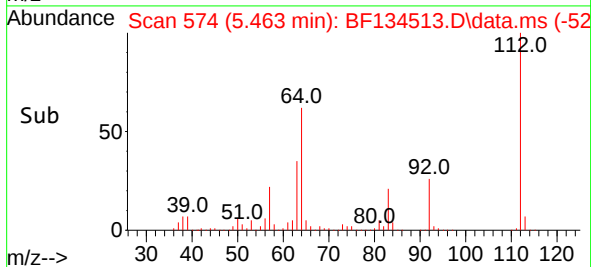
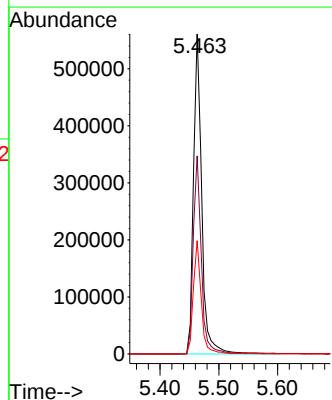
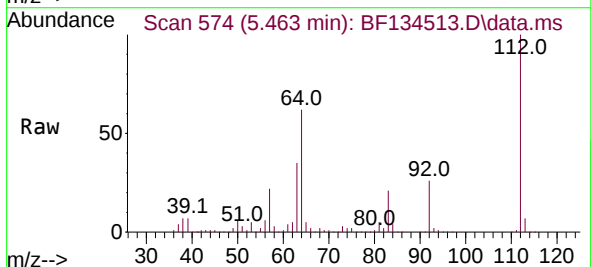
Instrument :
BNA_F
ClientSampleId :
B-P20A

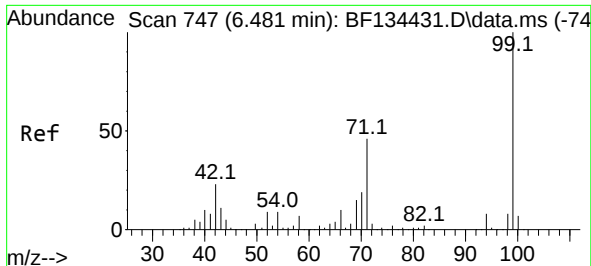
Tgt Ion:152 Resp: 81063
Ion Ratio Lower Upper
152 100
150 152.1 128.3 192.5
115 60.3 52.4 78.6



#5
2-Fluorophenol
Concen: 111.972 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion:112 Resp: 549379
Ion Ratio Lower Upper
112 100
64 61.9 44.9 67.3
63 35.4 25.4 38.0

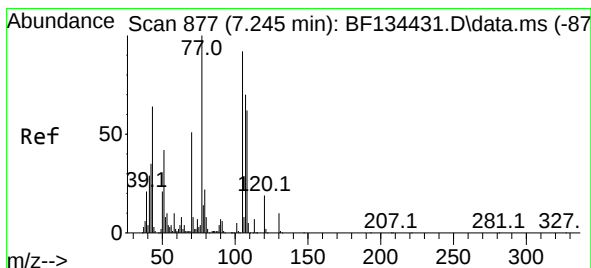
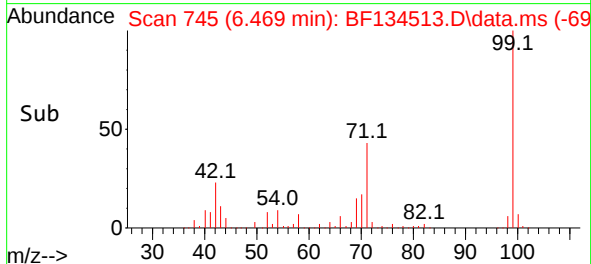
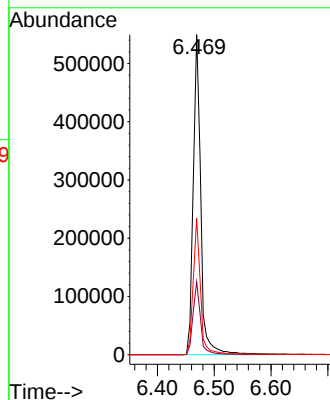
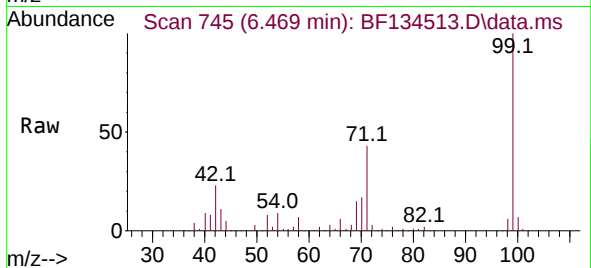




#7
Phenol-d6
Concen: 84.534 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

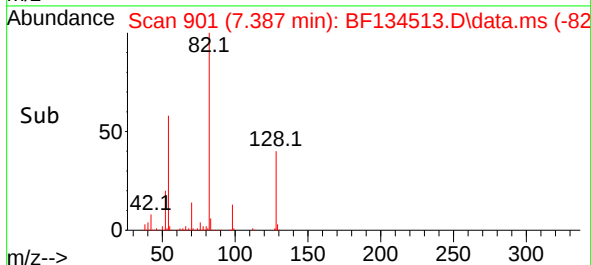
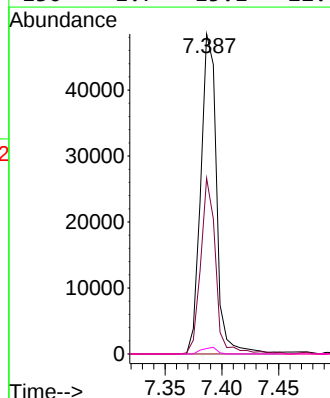
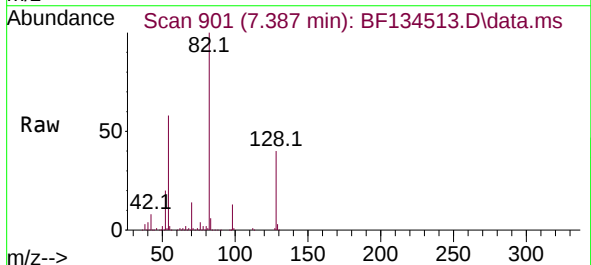
Instrument :
BNA_F
ClientSampleId :
B-P20A

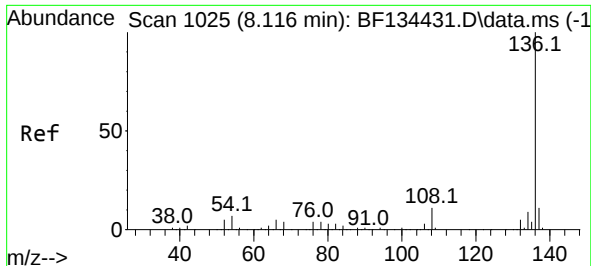
Tgt Ion: 99 Resp: 508160
Ion Ratio Lower Upper
99 100
42 22.8 18.7 28.1
71 42.6 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.618 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 70 Resp: 47218
Ion Ratio Lower Upper
70 100
42 55.0 54.7 82.1
101 0.0 8.2 12.2#
130 1.7 15.1 22.7#

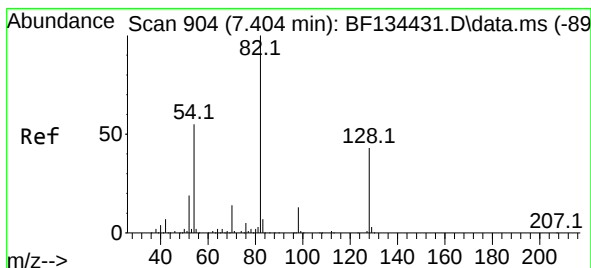
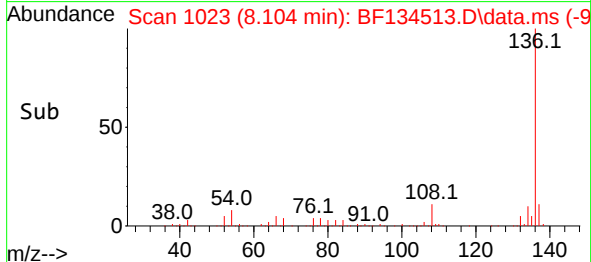
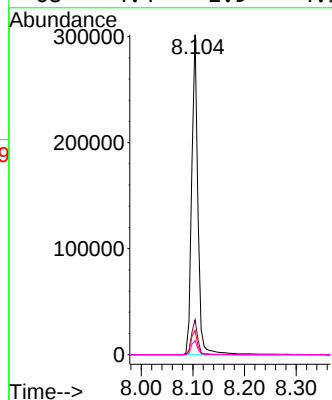
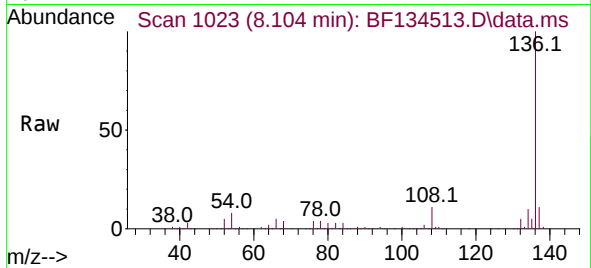




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

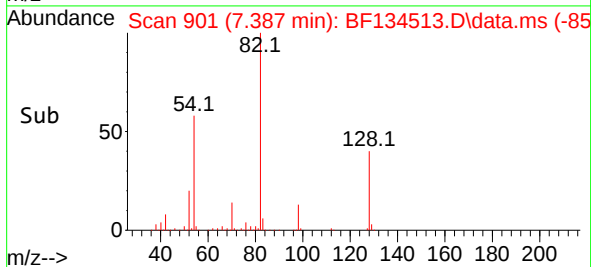
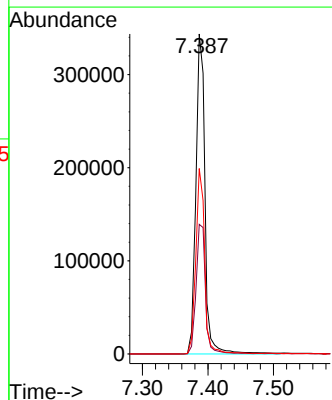
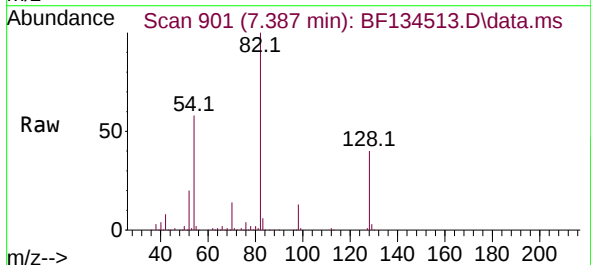
Instrument :
BNA_F
ClientSampleId :
B-P20A

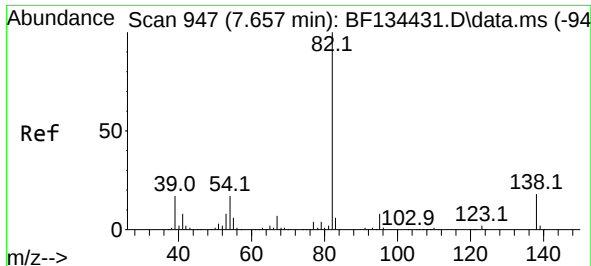
Tgt Ion:136 Resp: 251100
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.5 5.2 7.8
68 4.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 66.823 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 82 Resp: 331643
Ion Ratio Lower Upper
82 100
128 40.5 34.3 51.5
54 57.9 43.8 65.6

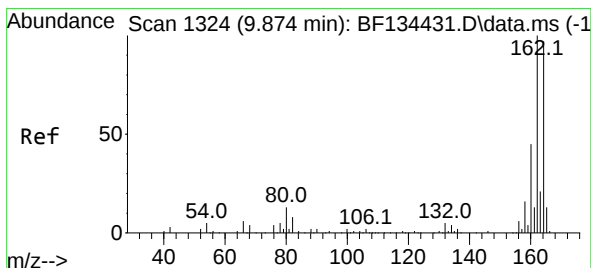
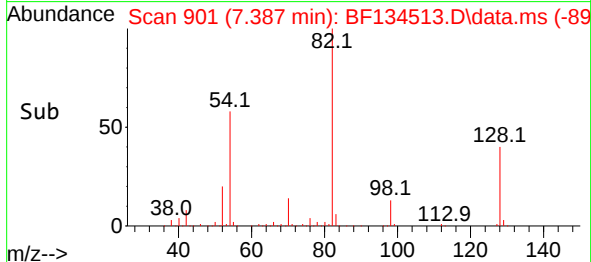
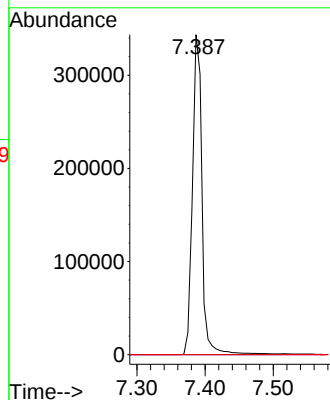
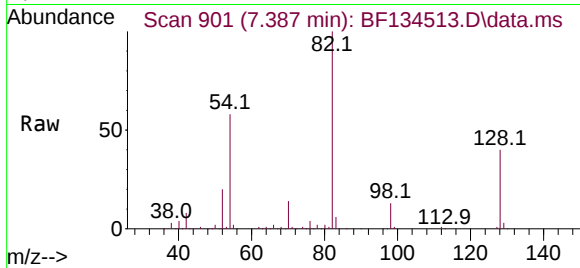




#25
Isophorone
Concen: 40.095 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

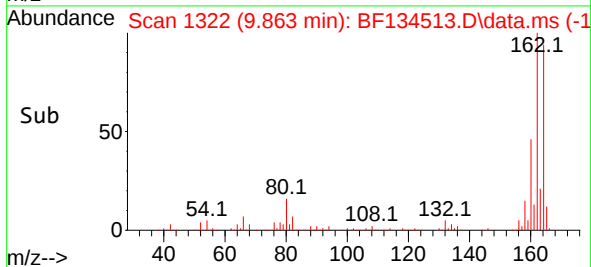
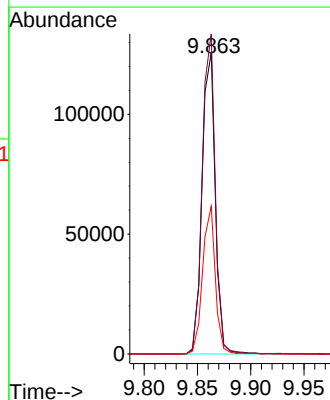
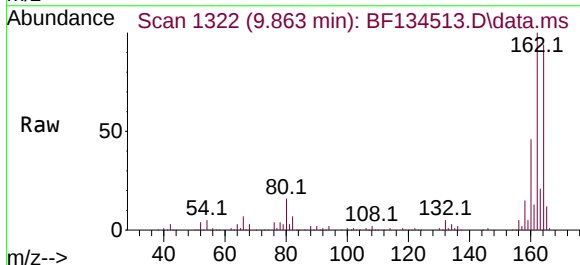
Instrument :
BNA_F
ClientSampleId :
B-P20A

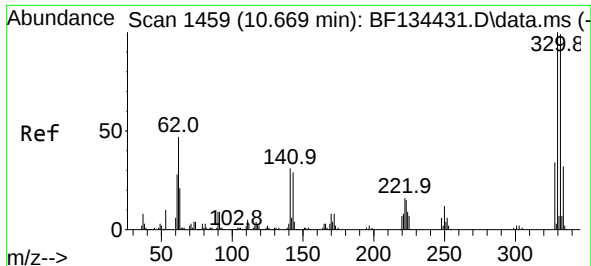
Tgt Ion: 82 Resp: 331640
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 164 Resp: 108648
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 49.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 84.324 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Instrument :

BNA_F

ClientSampleId :

B-P20A

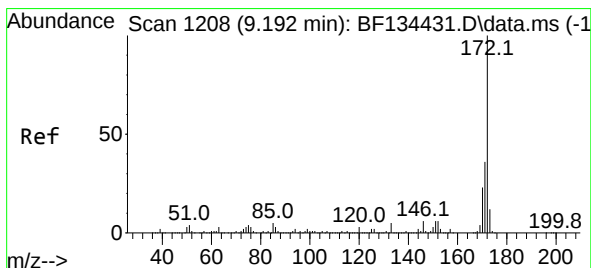
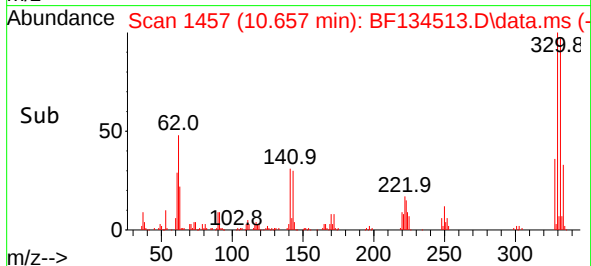
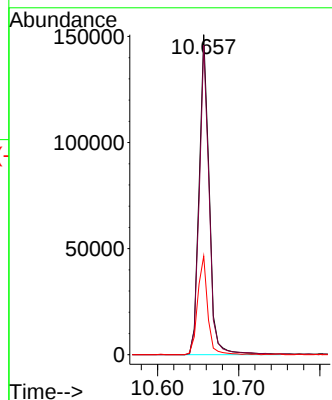
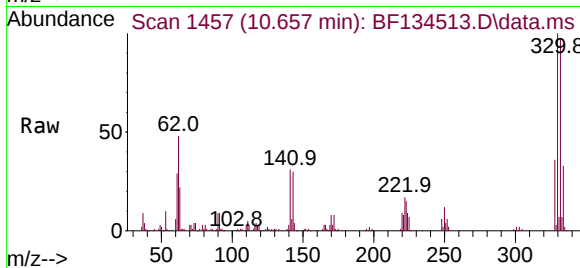
Tgt Ion:330 Resp: 130170

Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 30.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.290 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

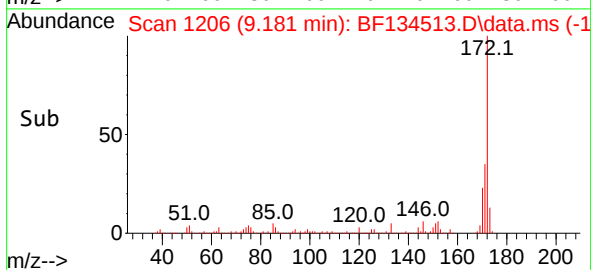
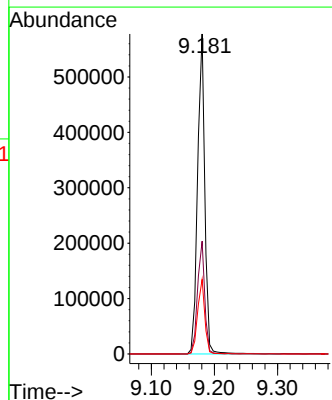
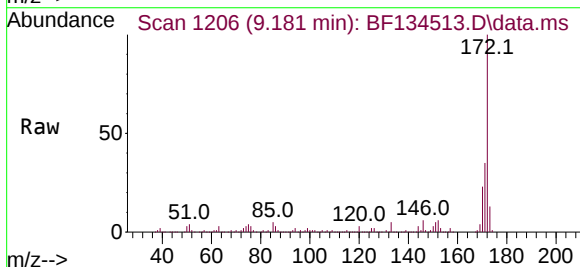
Tgt Ion:172 Resp: 457582

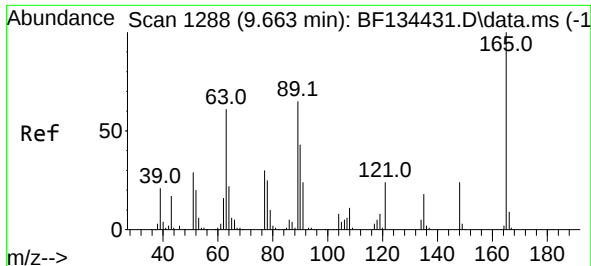
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.943 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Instrument :

BNA_F

ClientSampleId :

B-P20A

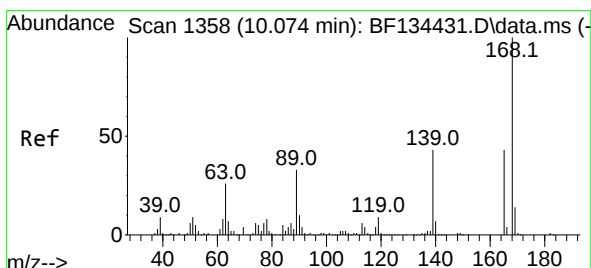
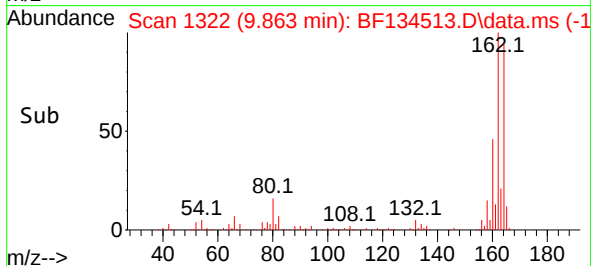
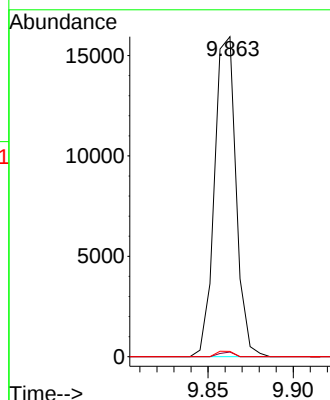
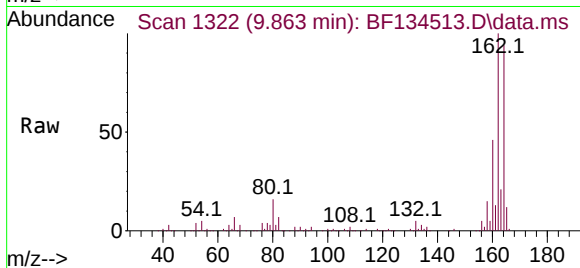
Tgt Ion:165 Resp: 14037

Ion Ratio Lower Upper

165 100

63 1.5 57.8 86.6#

89 1.6 51.8 77.8#



#57

2,4-Dinitrotoluene

Concen: 5.914 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Tgt Ion:165 Resp: 14037

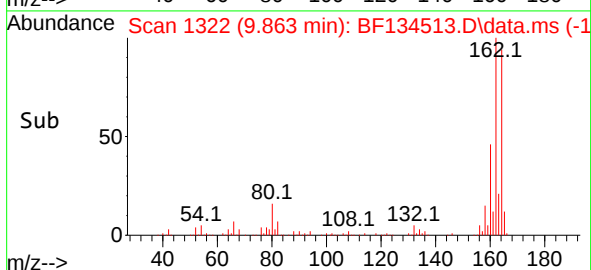
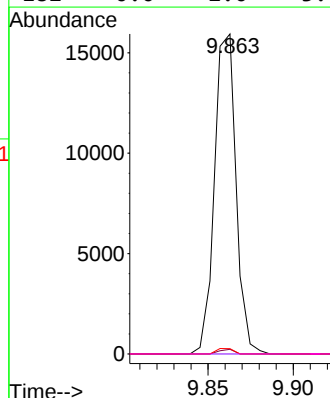
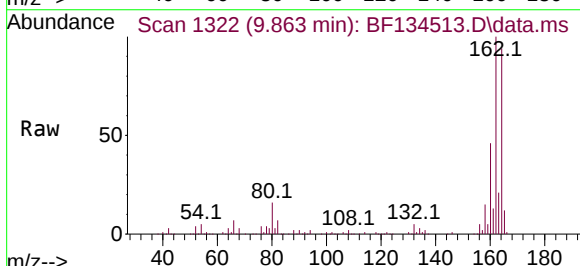
Ion Ratio Lower Upper

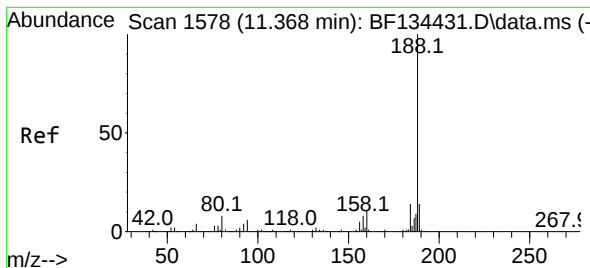
165 100

63 1.5 48.9 73.3#

89 1.6 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: BF134513.D

Acq: 27 Jul 2023 19:22

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ClientSampleId :

B-P20A

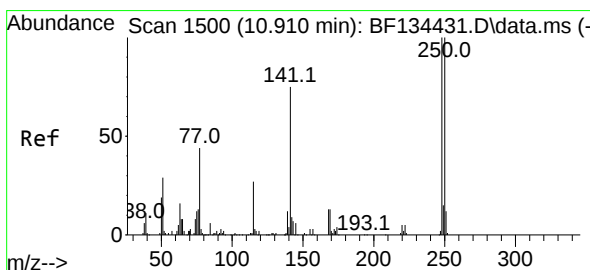
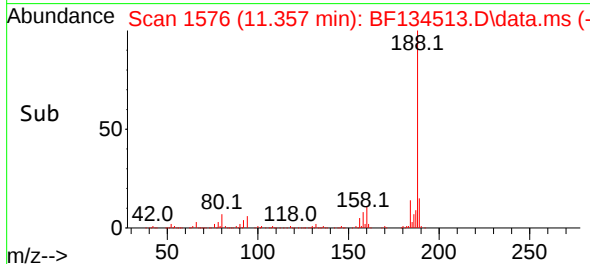
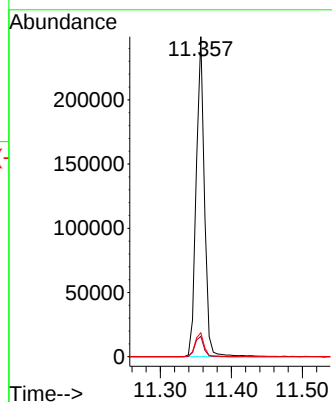
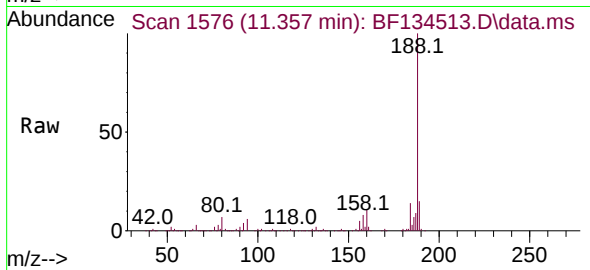
Tgt Ion:188 Resp: 201873

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 7.5 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.555 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.241 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

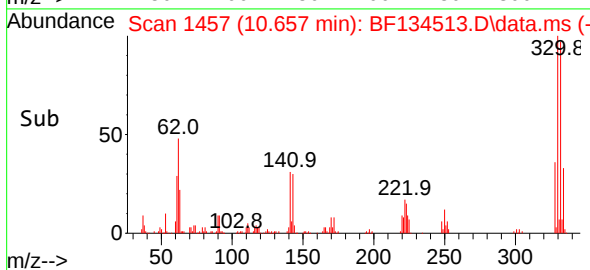
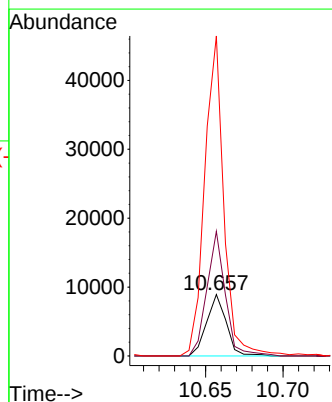
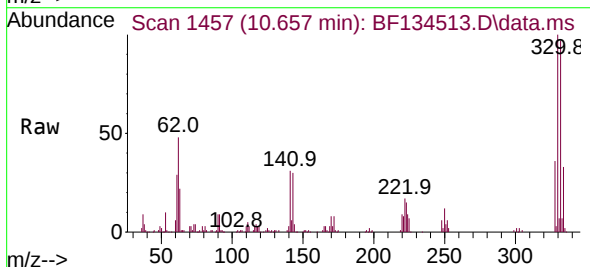
Tgt Ion:248 Resp: 7862

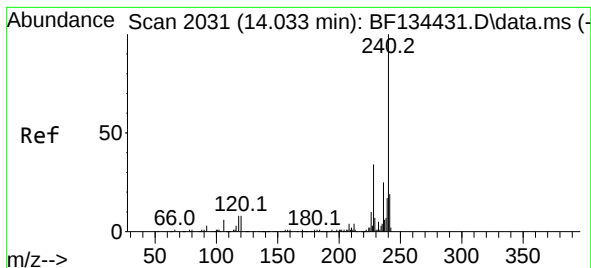
Ion Ratio Lower Upper

248 100

250 202.9 79.6 119.4#

141 521.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Instrument :

BNA_F

ClientSampleId :

B-P20A

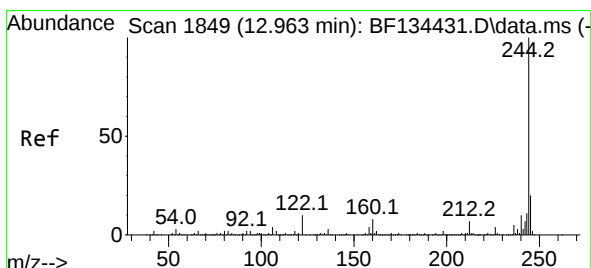
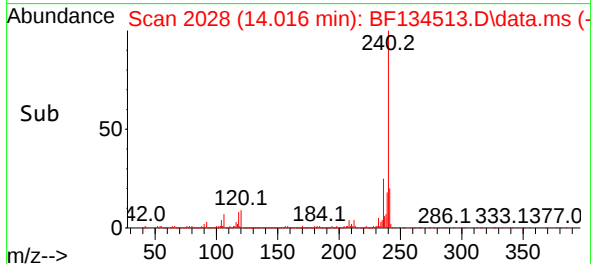
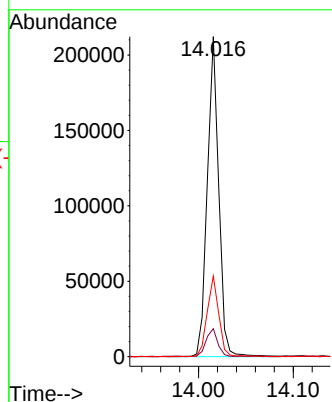
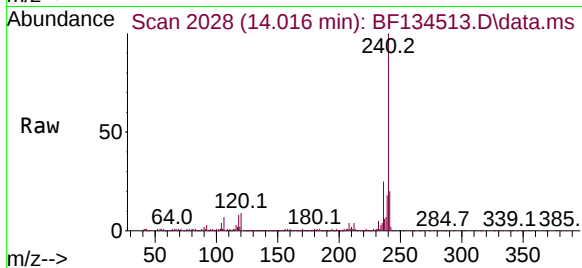
Tgt Ion:240 Resp: 177361

Ion Ratio Lower Upper

240 100

120 8.7 6.6 10.0

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 45.404 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

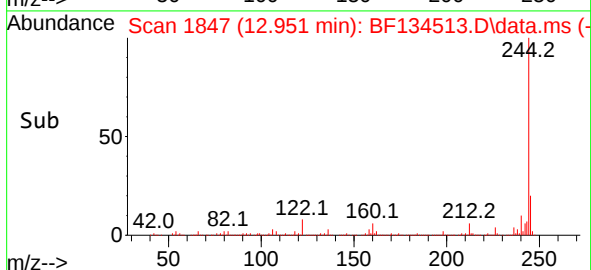
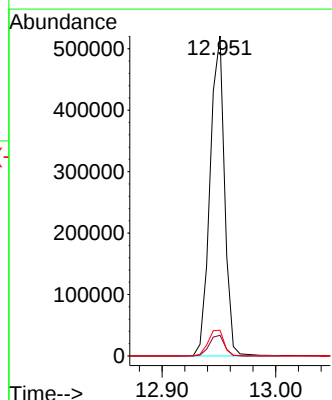
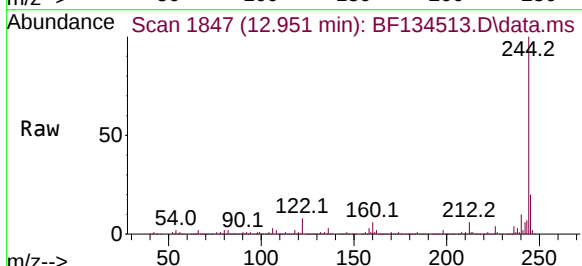
Tgt Ion:244 Resp: 461307

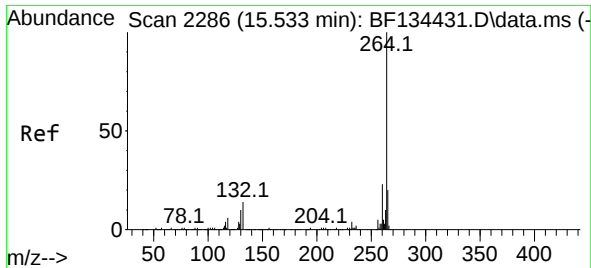
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 8.1 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: BF134513.D
 Acq: 27 Jul 2023 19:22

Instrument :
 BNA_F
 ClientSampleId :
 B-P20A

Tgt Ion:264 Resp: 112628
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 22.3 15.8 23.8

