

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141137.D
 Acq On : 14 Jan 2025 11:27
 Operator : RC/JU
 Sample : PB166013BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166013BL

Quant Time: Jan 14 11:51:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

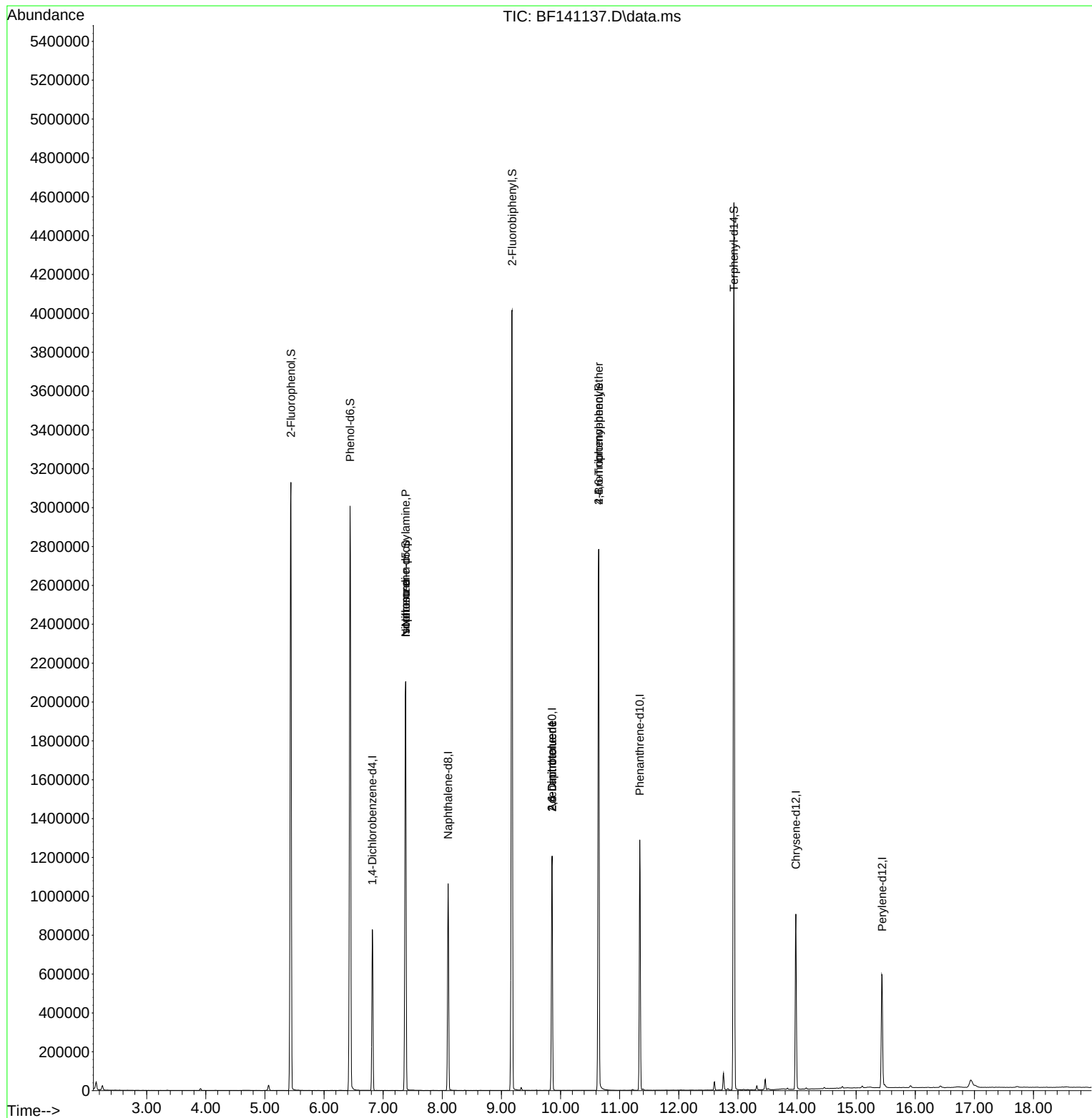
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	172937	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	690177	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	374945	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	645813	20.000	ng	0.00
76) Chrysene-d12	13.980	240	430481	20.000	ng	0.00
86) Perylene-d12	15.439	264	356995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1305477	116.615	ng	0.01
7) Phenol-d6	6.440	99	1601328	112.924	ng	0.00
23) Nitrobenzene-d5	7.381	82	1056684	81.158	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	533821	124.951	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1989874	81.042	ng	0.00
79) Terphenyl-d14	12.933	244	2310745	79.782	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	144359	17.282	ng	# 75
25) Isophorone	7.381	82	1050997	47.234	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	48670	8.315	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	48670	6.452	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	32389	4.356	ng	# 1

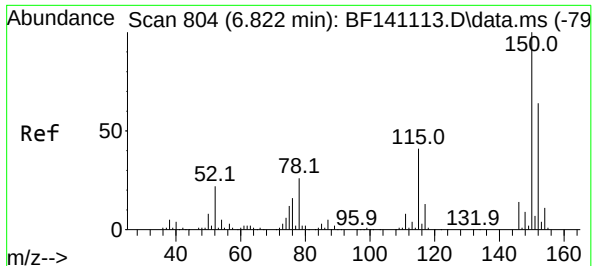
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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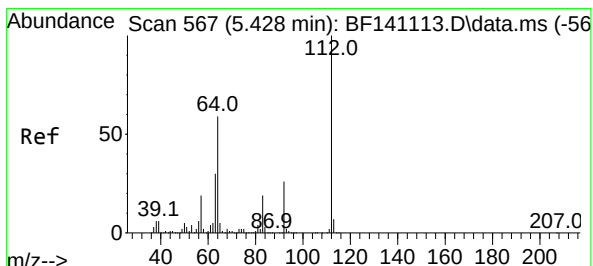
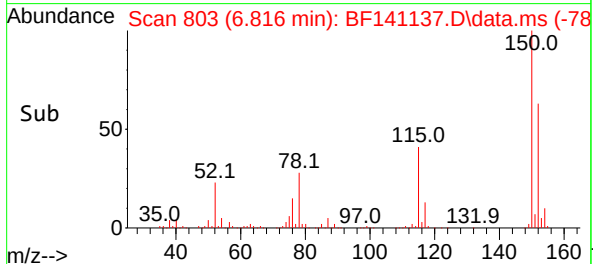
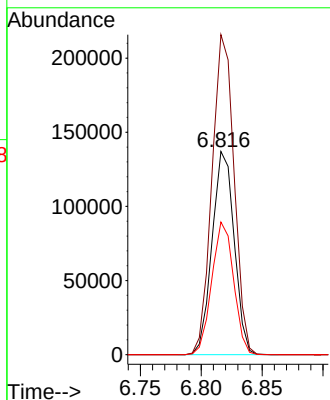
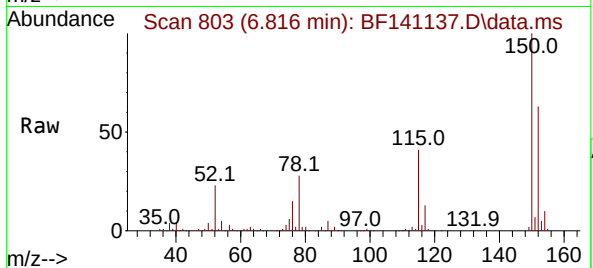




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

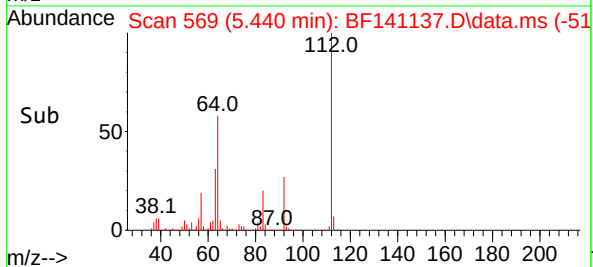
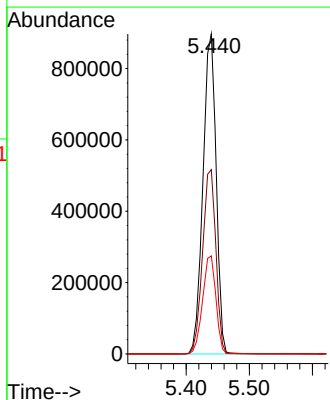
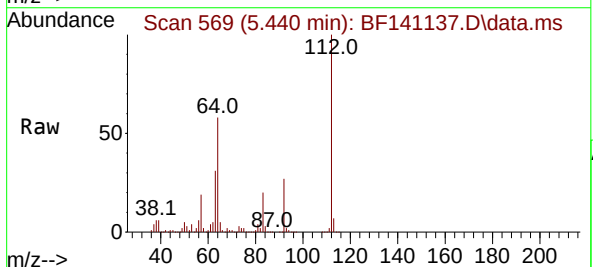
Instrument :
BNA_F
ClientSampleId :
PB166013BL

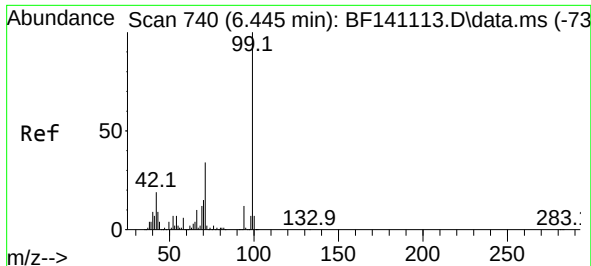
Tgt Ion:152 Resp: 172937
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.8
115 65.3 51.4 77.2



#5
2-Fluorophenol
Concen: 116.615 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

Tgt Ion:112 Resp: 1305477
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 30.7 24.2 36.2





#7
Phenol-d6
Concen: 112.924 ng
RT: 6.440 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

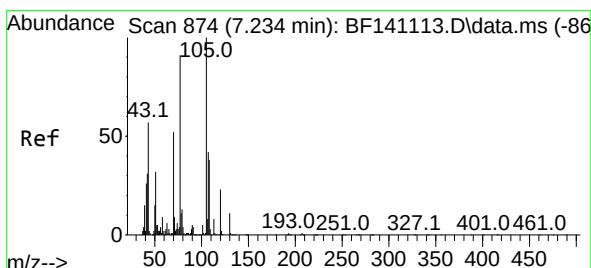
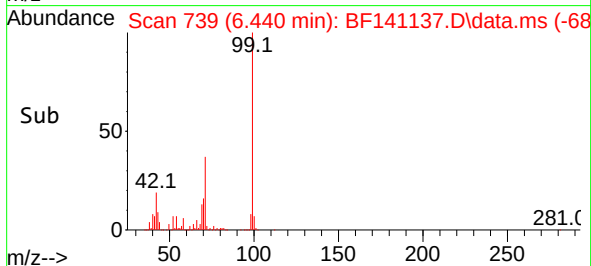
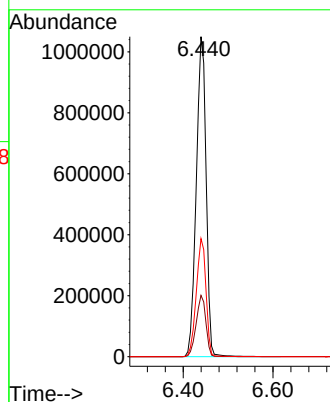
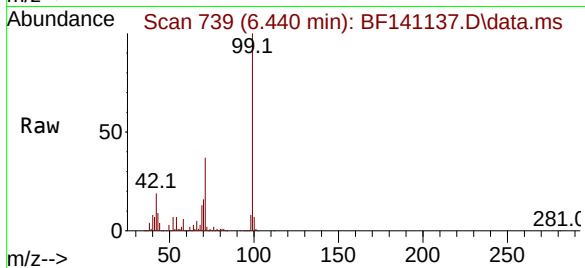
Instrument :

BNA_F

ClientSampleId :

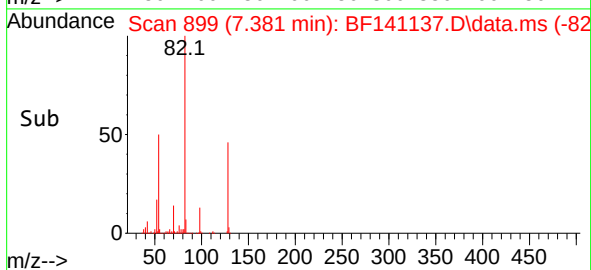
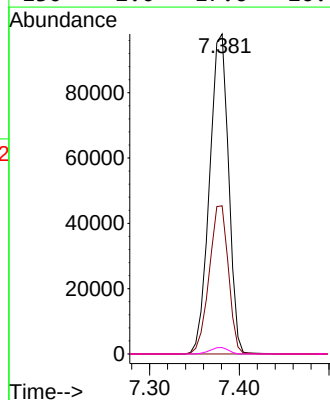
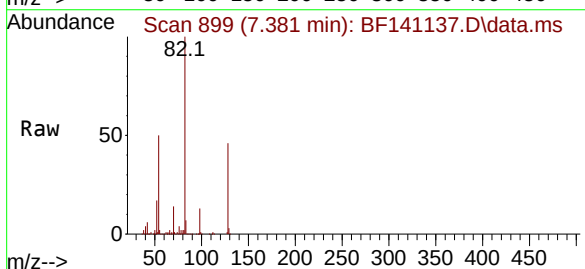
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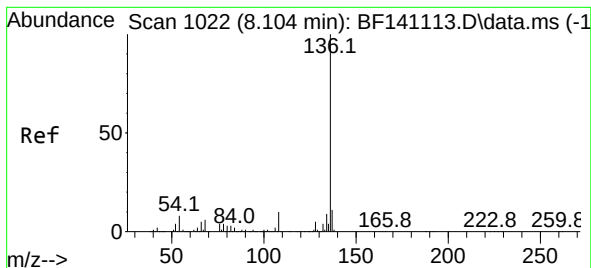
Tgt Ion: 99 Resp: 1601328
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.282 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

Tgt Ion: 70 Resp: 144359
Ion Ratio Lower Upper
70 100
42 46.3 47.8 71.6#
101 0.0 7.9 11.9#
130 2.0 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB166013BL

Tgt Ion:136 Resp: 690177

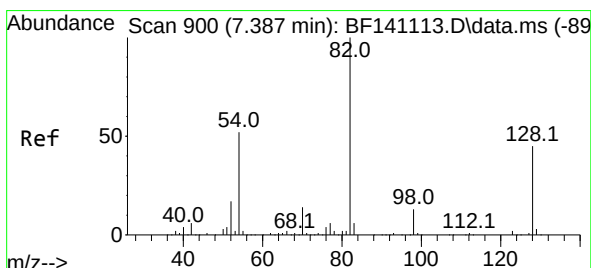
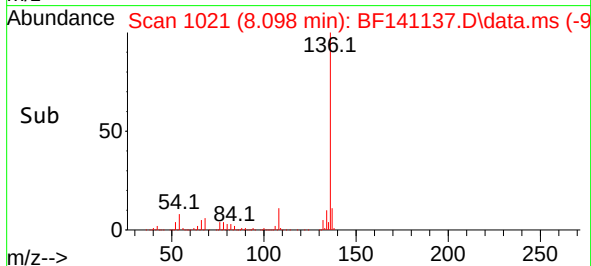
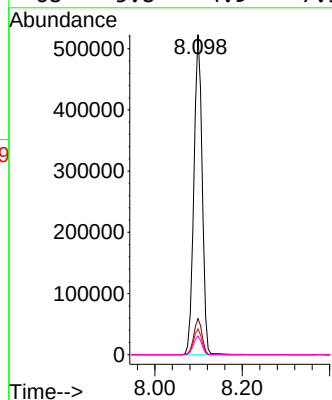
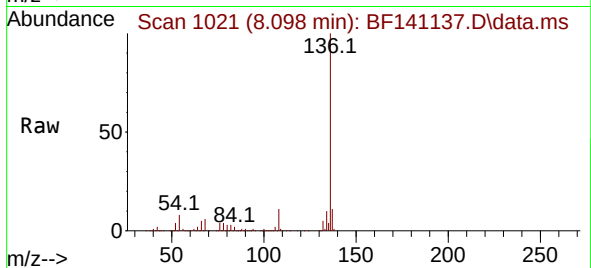
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.1 6.3 9.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.158 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

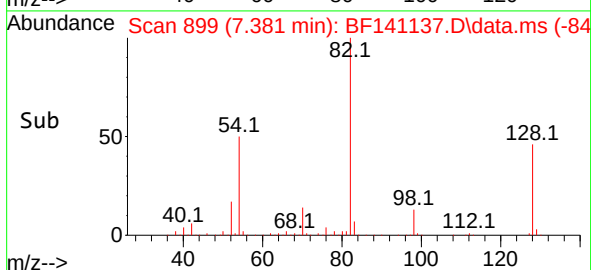
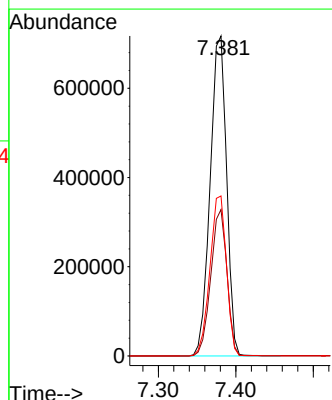
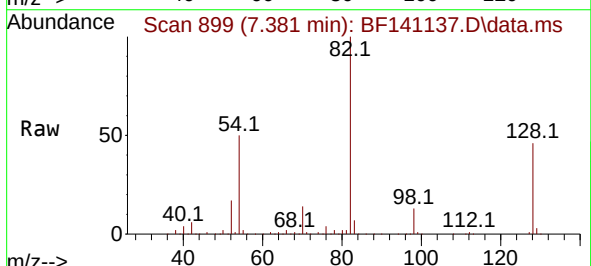
Tgt Ion: 82 Resp: 1056684

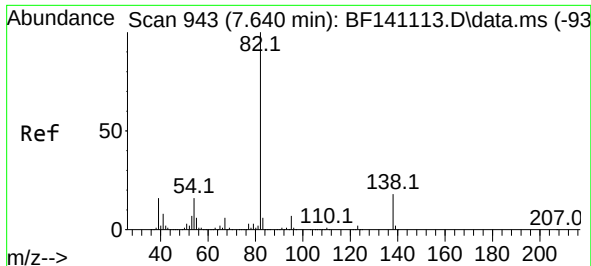
Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

54 50.0 41.0 61.4

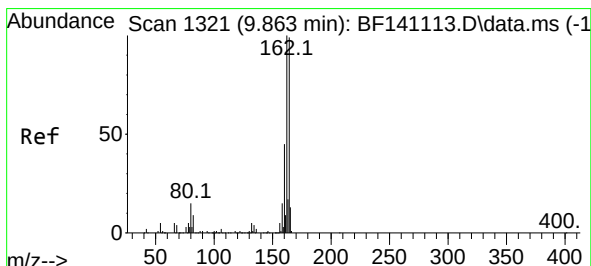
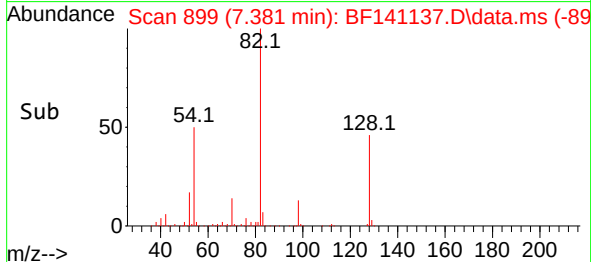
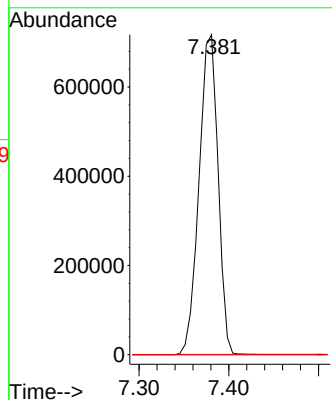
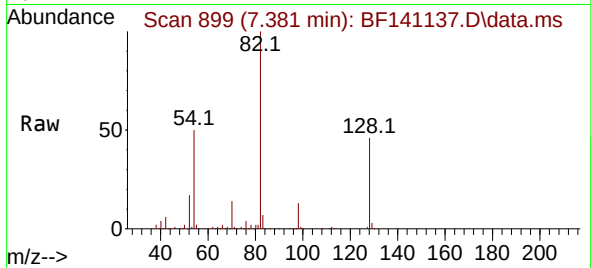




#25
Isophorone
Concen: 47.234 ng
RT: 7.381 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

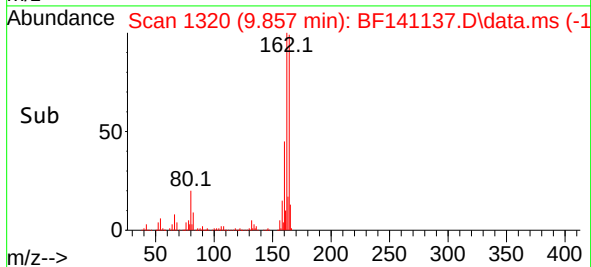
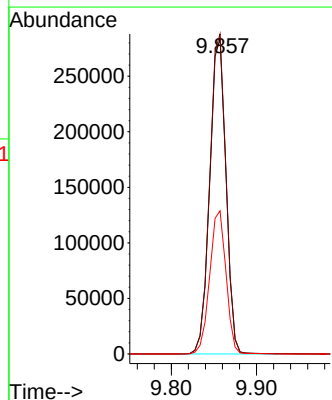
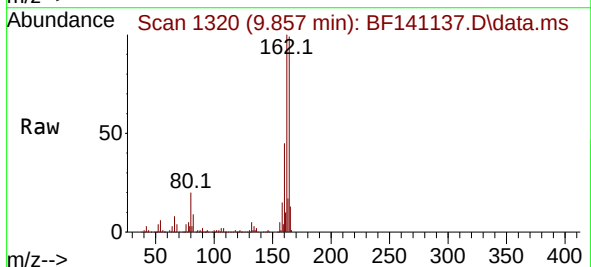
Instrument :
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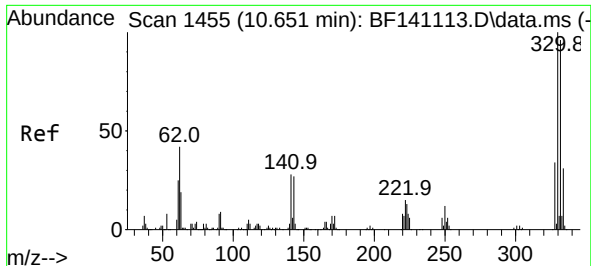
Tgt Ion: 82 Resp: 1050997
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

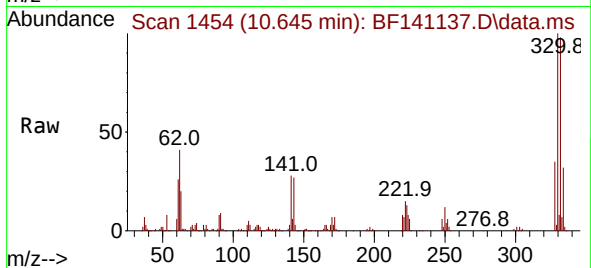
Tgt Ion:164 Resp: 374945
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.4 36.1 54.1



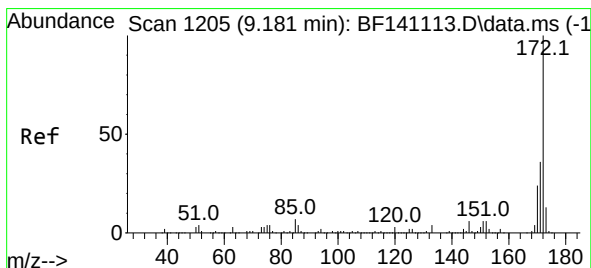
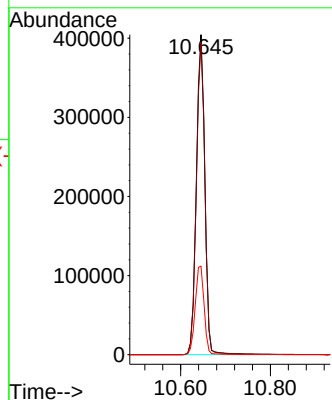
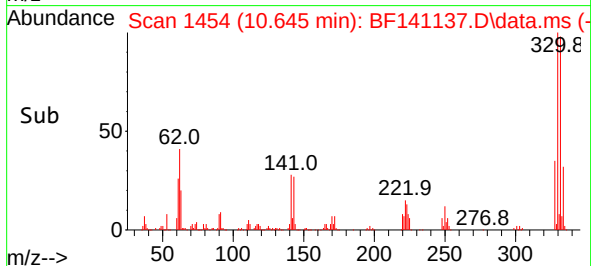


#42
2,4,6-Tribromophenol
Concen: 124.951 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27

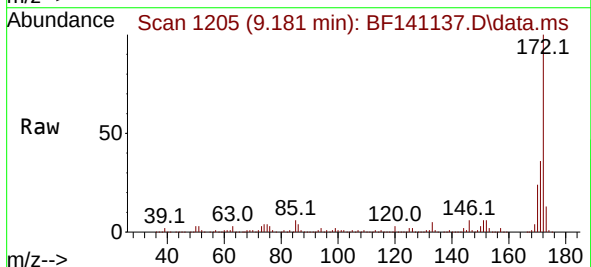
Instrument :
BNA_F
ClientSampleId :
PB166013BL



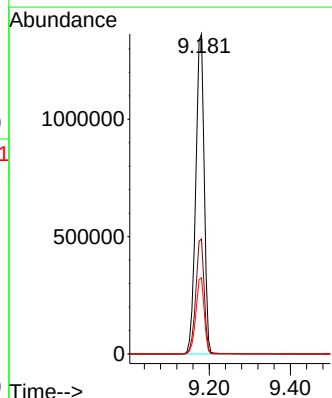
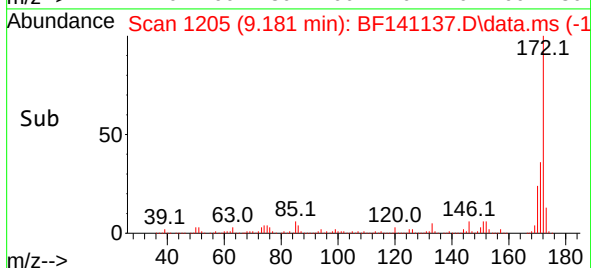
Tgt Ion:330 Resp: 533821
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 29.1 25.2 37.8

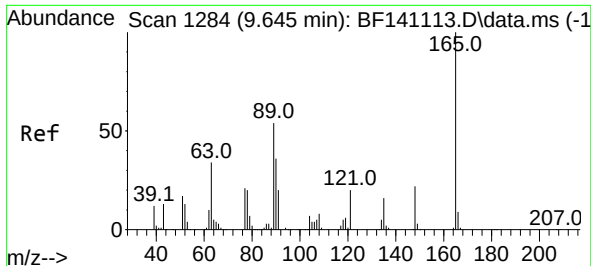


#45
2-Fluorobiphenyl
Concen: 81.042 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141137.D
Acq: 14 Jan 2025 11:27



Tgt Ion:172 Resp: 1989874
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.315 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB166013BL

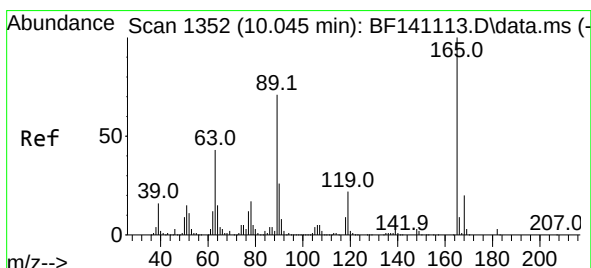
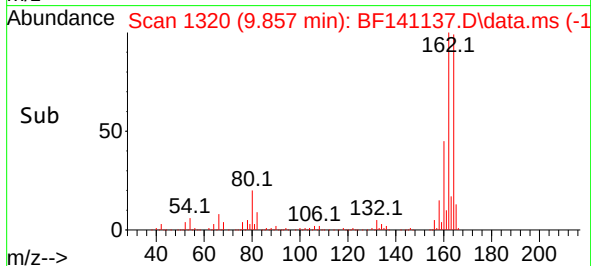
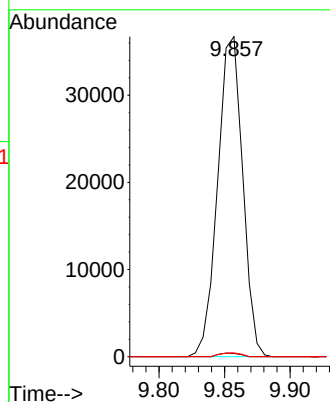
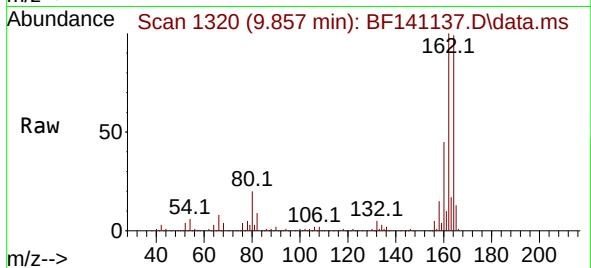
Tgt Ion:165 Resp: 48670

Ion Ratio Lower Upper

165 100

63 1.0 42.3 63.5#

89 1.2 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.452 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

Tgt Ion:165 Resp: 48670

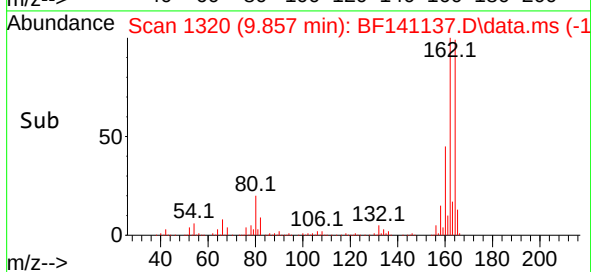
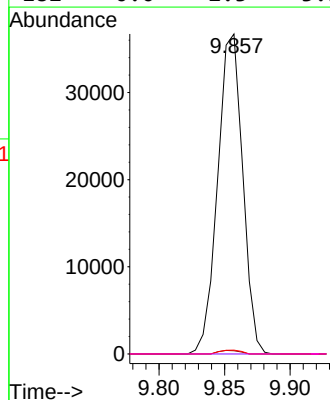
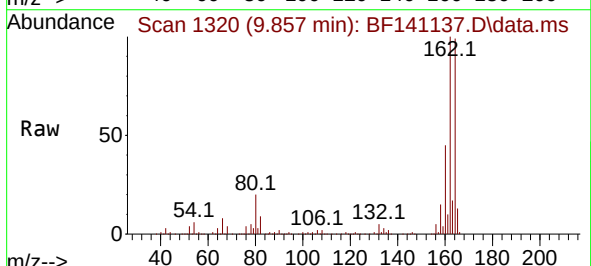
Ion Ratio Lower Upper

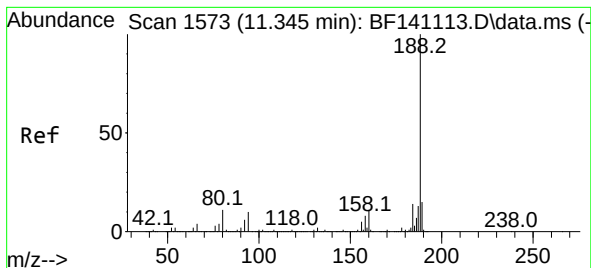
165 100

63 1.0 35.0 52.4#

89 1.2 56.7 85.1#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

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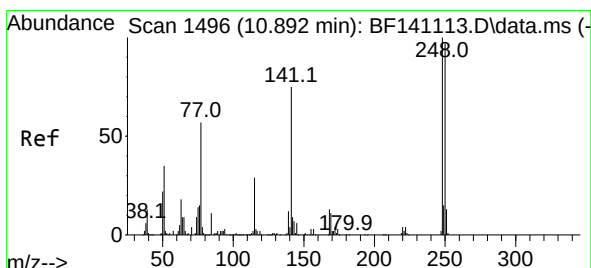
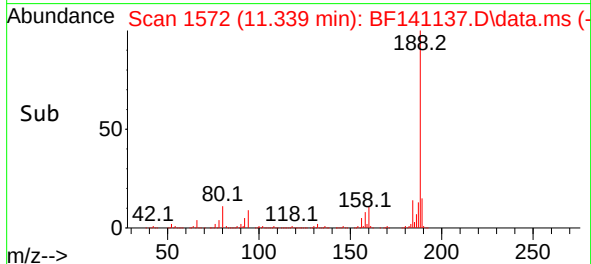
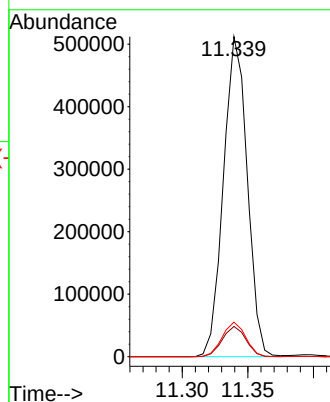
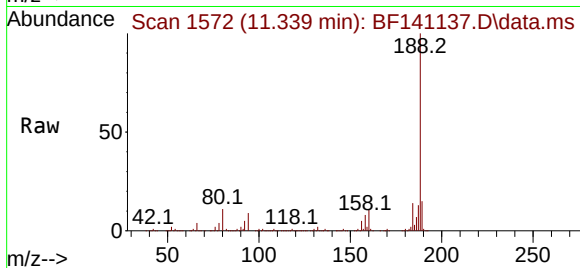
Tgt Ion:188 Resp: 645813

Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 10.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.356 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

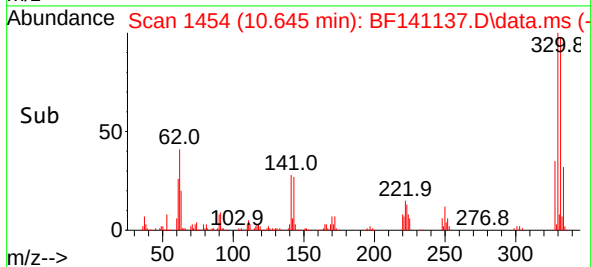
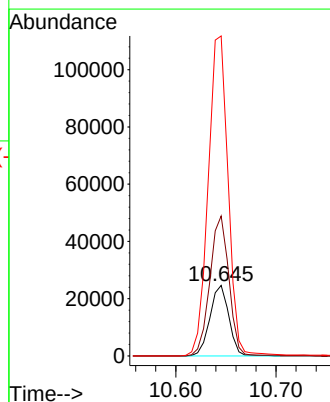
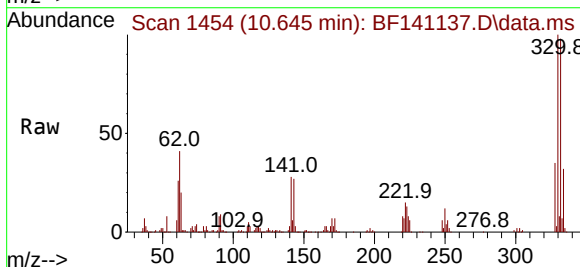
Tgt Ion:248 Resp: 32389

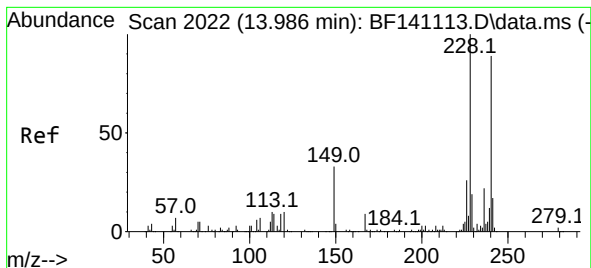
Ion Ratio Lower Upper

248 100

250 198.5 77.9 116.9#

141 453.6 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB166013BL

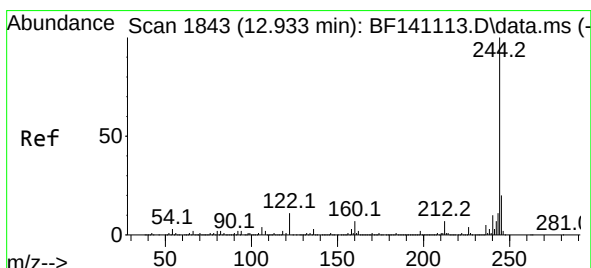
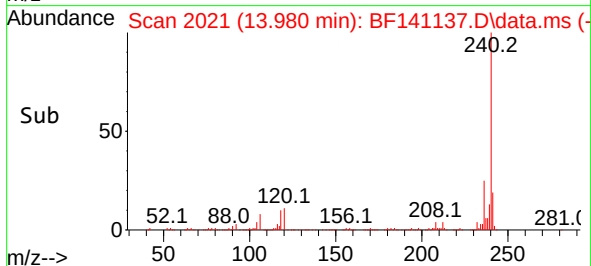
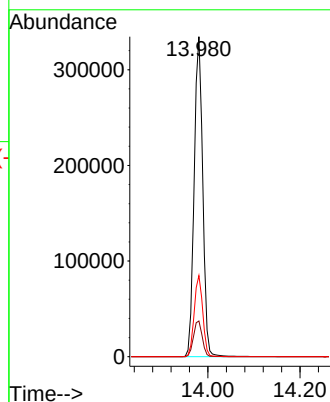
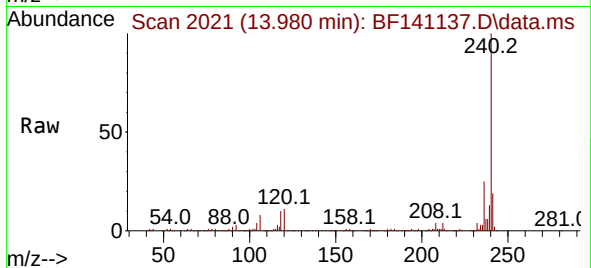
Tgt Ion:240 Resp: 430481

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.4 19.8 29.6



#79

Terphenyl-d14

Concen: 79.782 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141137.D

Acq: 14 Jan 2025 11:27

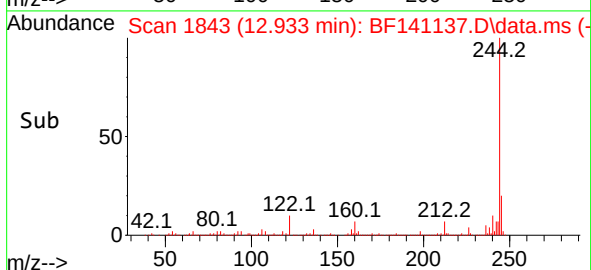
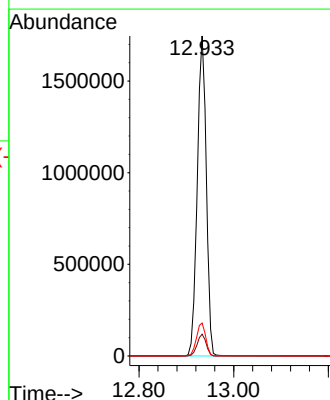
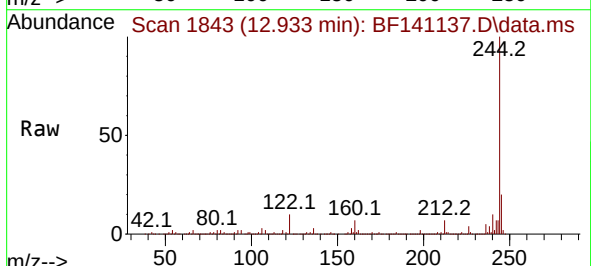
Tgt Ion:244 Resp: 2310745

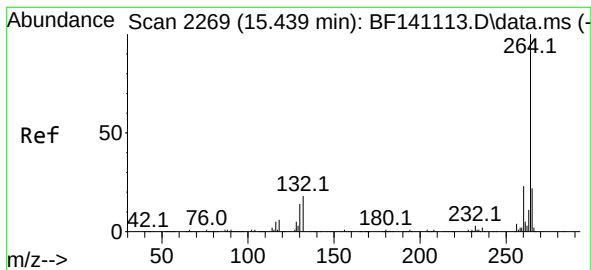
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141137.D

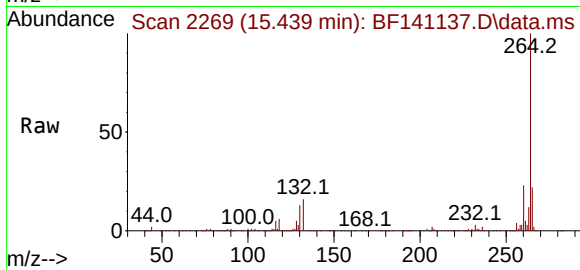
Acq: 14 Jan 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB166013BL



Tgt Ion:264 Resp: 356995

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.6 17.4 26.0

