

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141229.D
 Acq On : 21 Jan 2025 12:10
 Operator : RC/JU
 Sample : PB166129BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166129BL

Quant Time: Jan 21 13:03:24 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)

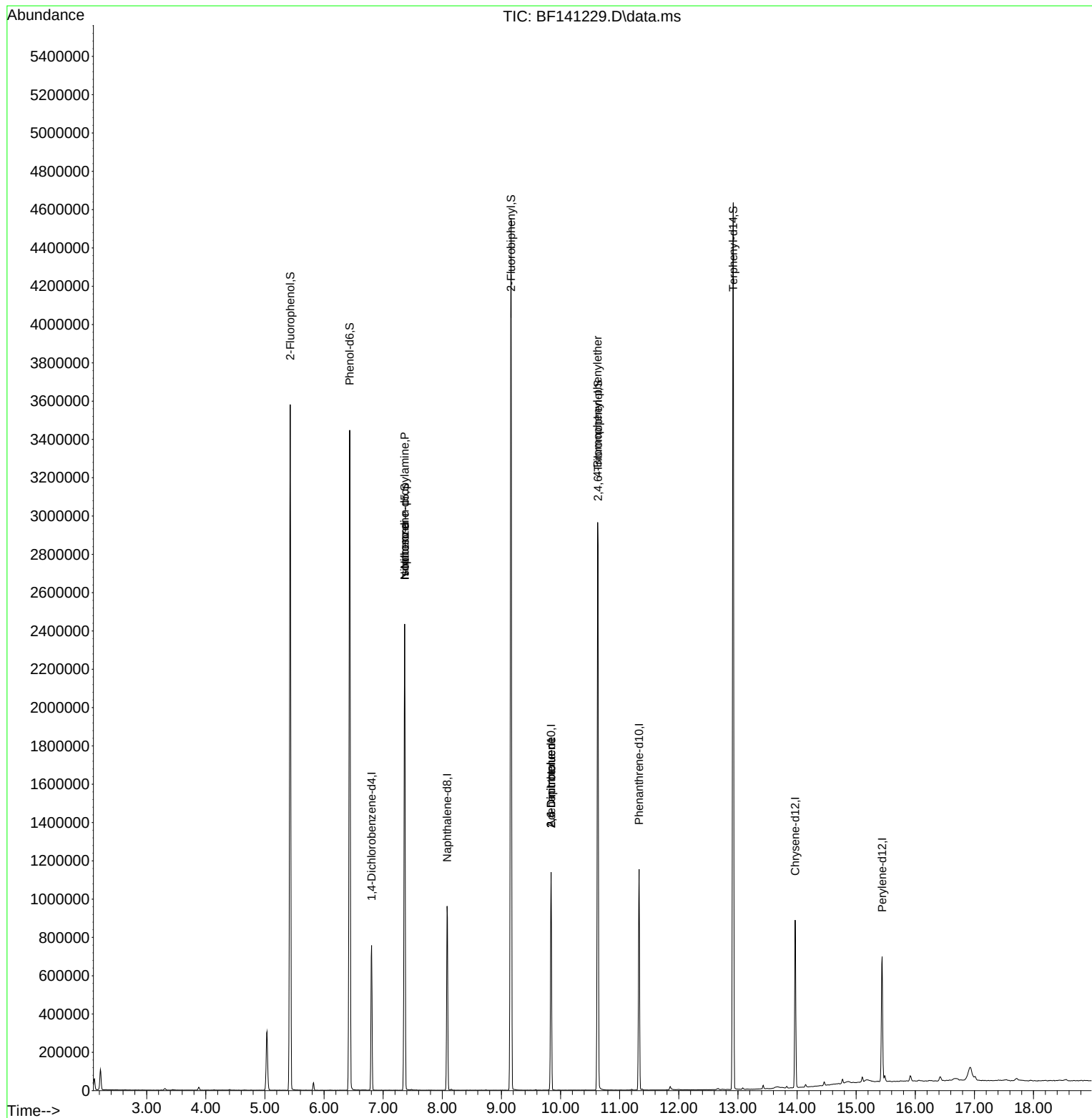
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	158545	20.000	ng	-0.02
21) Naphthalene-d8	8.081	136	642161	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	344692	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	572232	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	414653	20.000	ng	-0.02
86) Perylene-d12	15.439	264	377045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1446768	140.968	ng	0.00
7) Phenol-d6	6.434	99	1785778	137.363	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1166212	96.267	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	589154	150.006	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2208002	97.818	ng	-0.02
79) Terphenyl-d14	12.922	244	2432293	87.184	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	158639	20.715	ng	# 75
25) Isophorone	7.363	82	1161707	56.114	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	44761	8.318	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	44761	6.454	ng	# 24
67) 4-Bromophenyl-phenylether	10.628	248	35307	5.359	ng	# 1

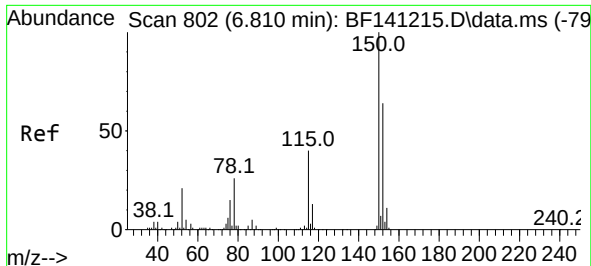
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
Data File : BF141229.D
Acq On : 21 Jan 2025 12:10
Operator : RC/JU
Sample : PB166129BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166129BL

Quant Time: Jan 21 13:03:24 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
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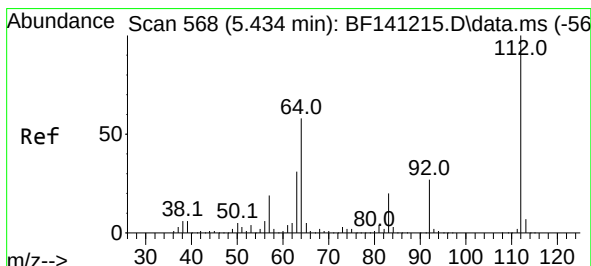
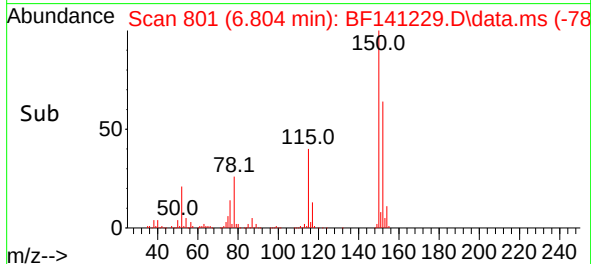
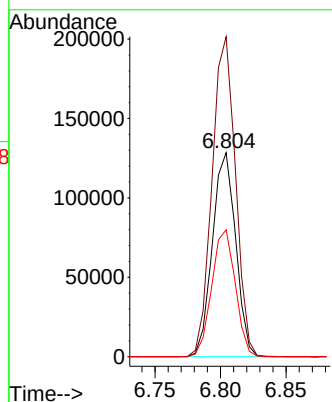
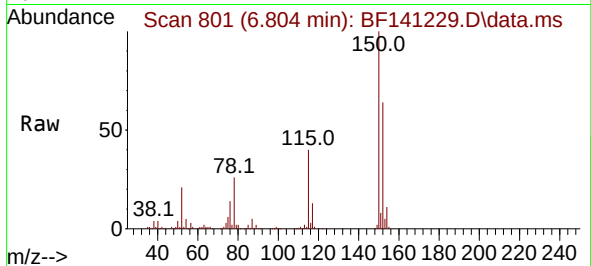




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

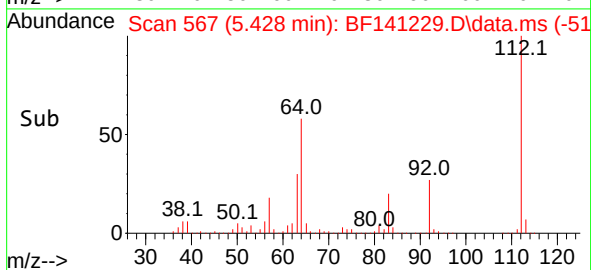
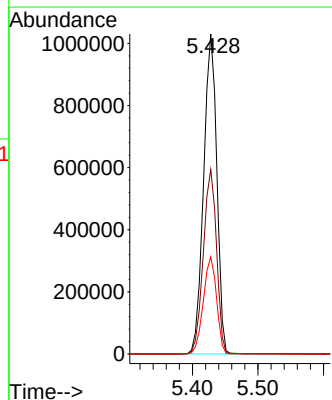
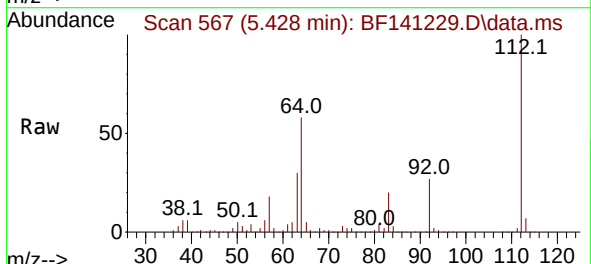
Instrument :
BNA_F
ClientSampleId :
PB166129BL

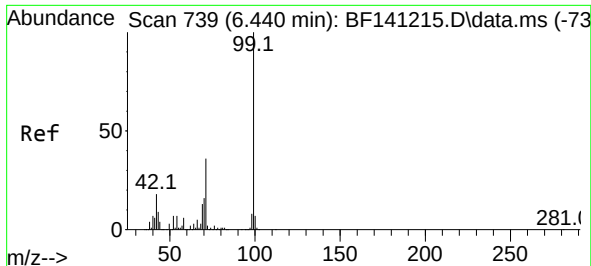
Tgt Ion:152 Resp: 158545
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.8
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 140.968 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion:112 Resp: 1446768
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.3 24.2 36.2





#7
Phenol-d6
Concen: 137.363 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

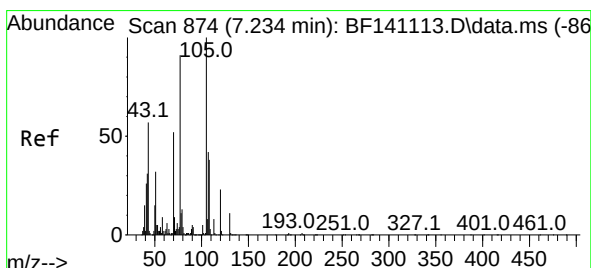
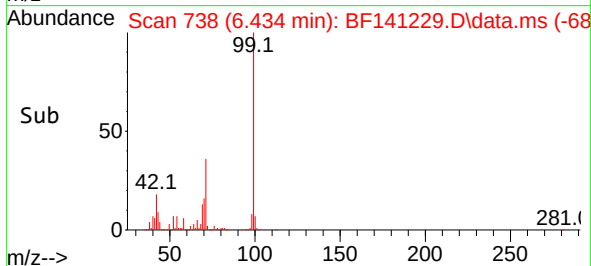
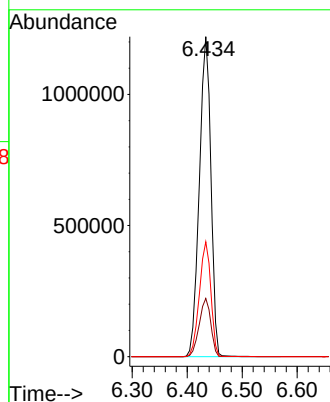
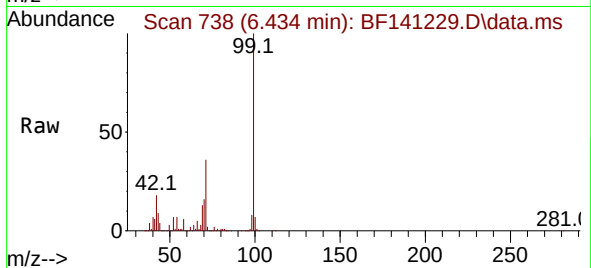
Instrument :

BNA_F

ClientSampleId :

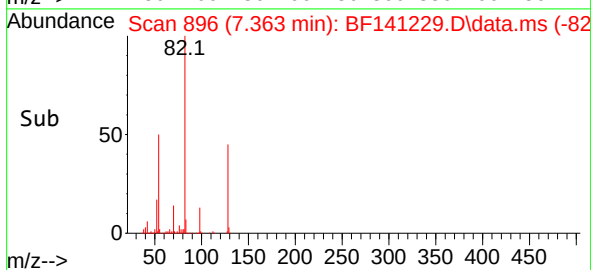
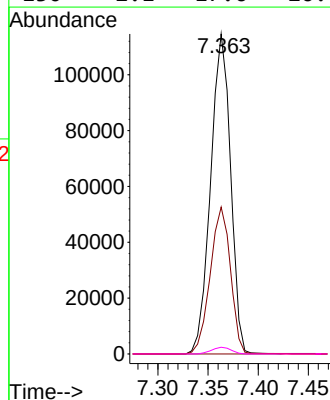
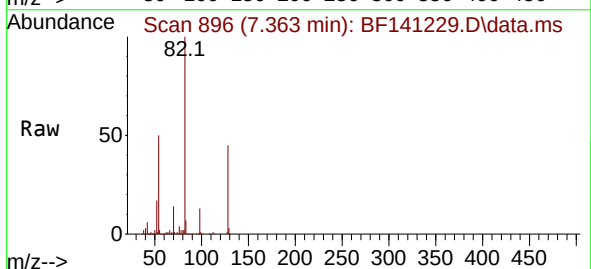
PB166129BL

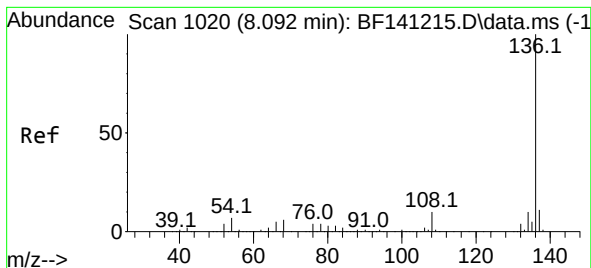
Tgt Ion: 99 Resp: 1785778
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.715 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.129 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion: 70 Resp: 158639
Ion Ratio Lower Upper
70 100
42 45.9 47.8 71.6#
101 0.0 7.9 11.9#
130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL

Tgt Ion:136 Resp: 642161

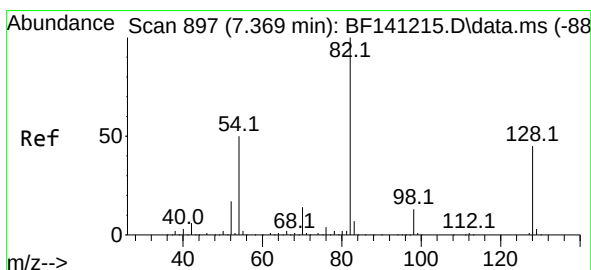
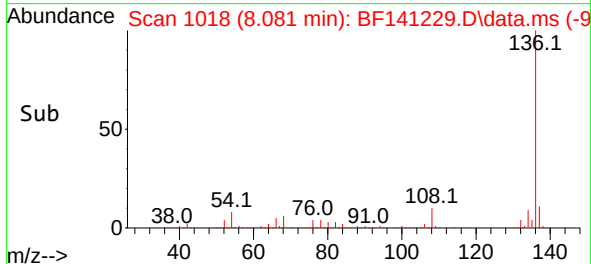
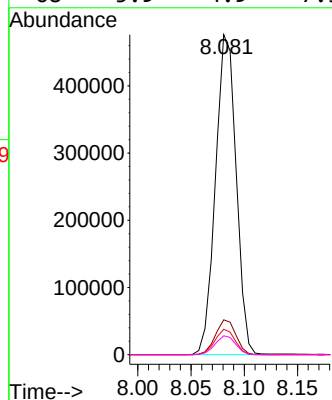
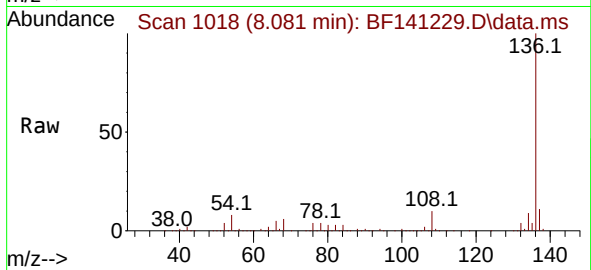
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 6.3 9.5

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 96.267 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.023 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

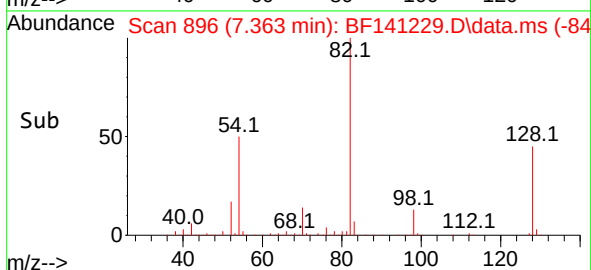
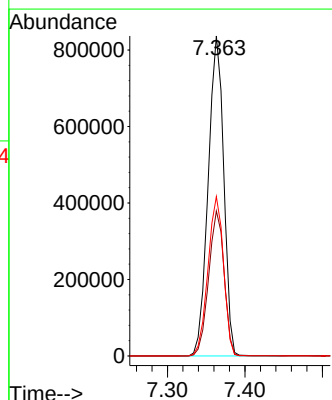
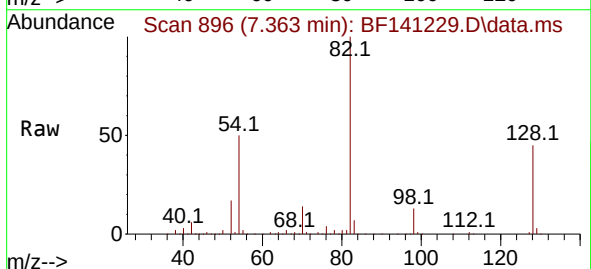
Tgt Ion: 82 Resp: 1166212

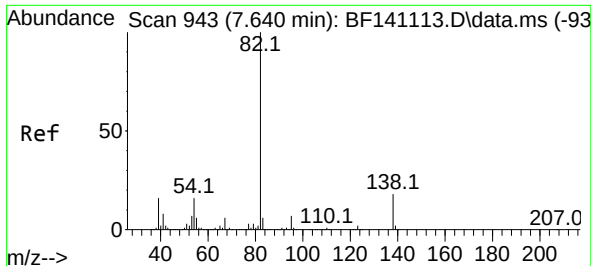
Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

54 49.8 41.0 61.4

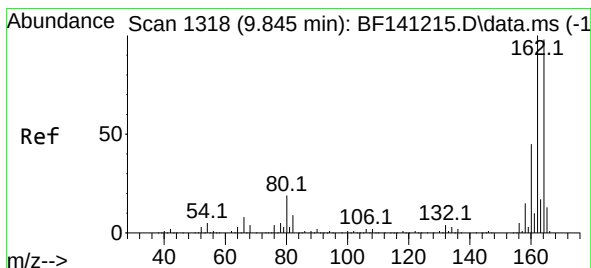
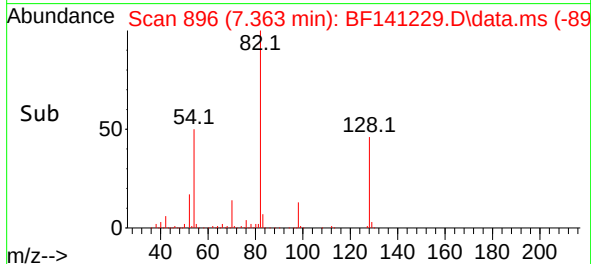
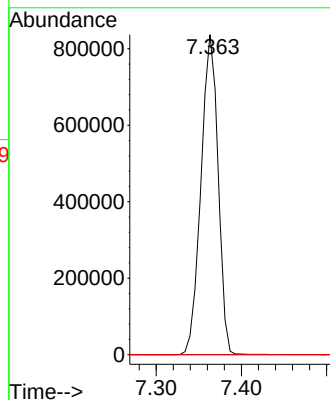
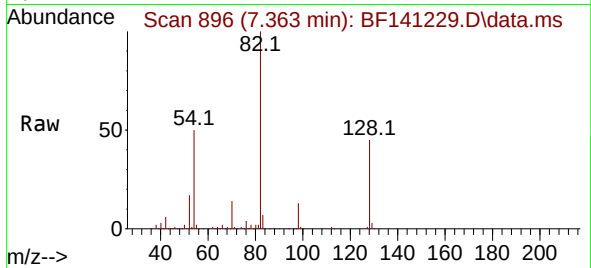




#25
Isophorone
Concen: 56.114 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

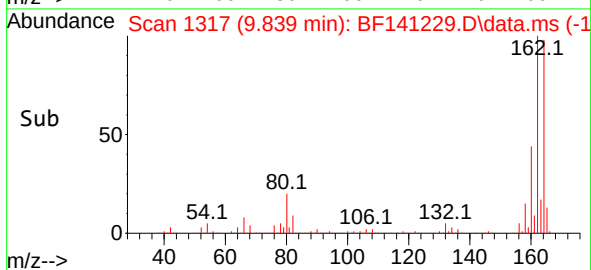
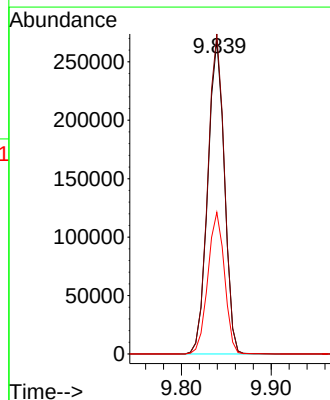
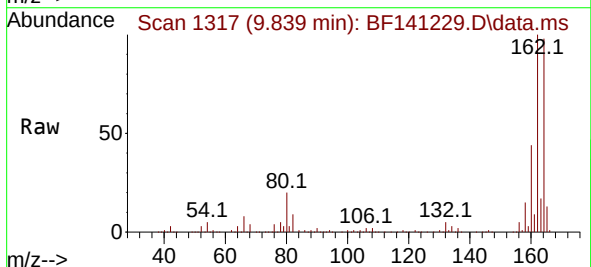
Instrument :
BNA_F
ClientSampleId :
PB166129BL

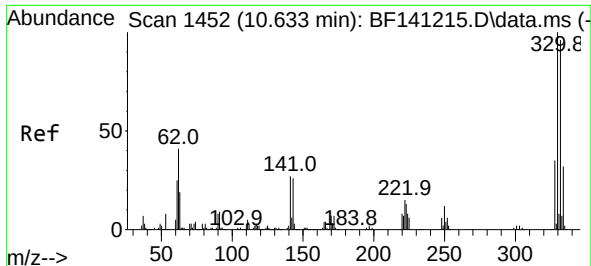
Tgt Ion: 82 Resp: 1161707
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.023 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion:164 Resp: 344692
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 150.006 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF141229.D

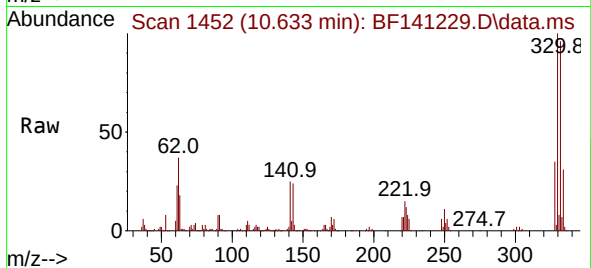
Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL



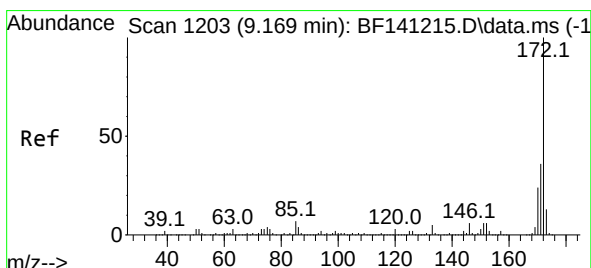
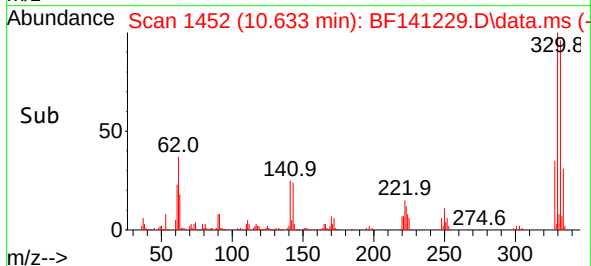
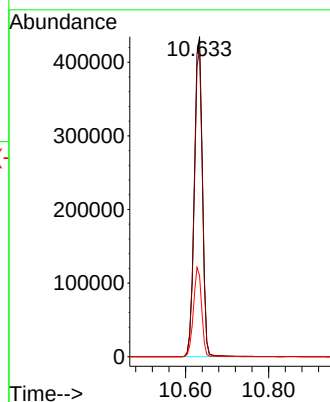
Tgt Ion:330 Resp: 589154

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 28.0 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 97.818 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.018 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

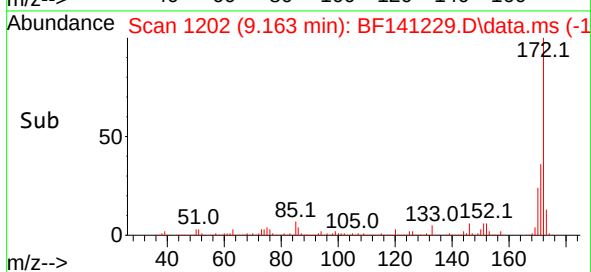
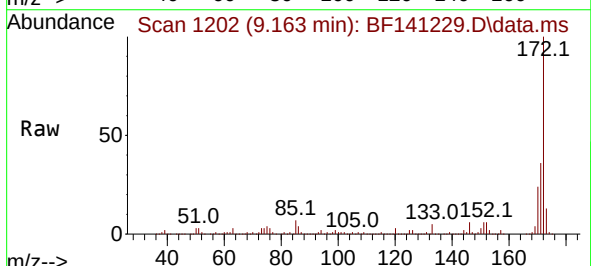
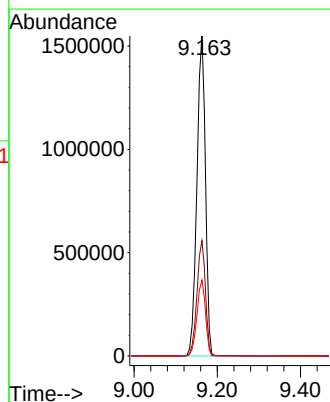
Tgt Ion:172 Resp: 2208002

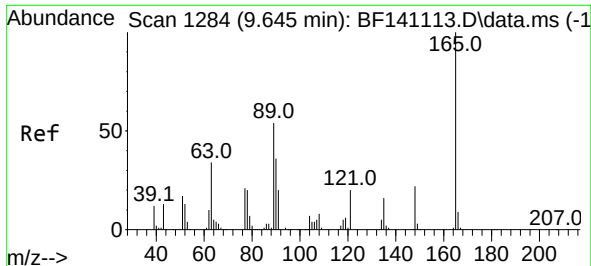
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.318 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL

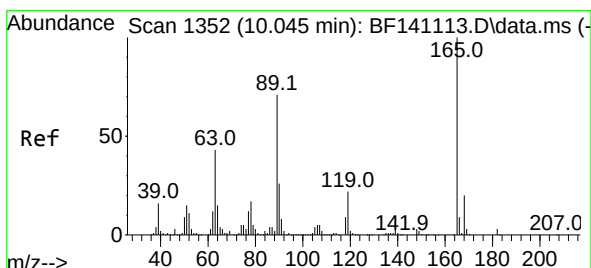
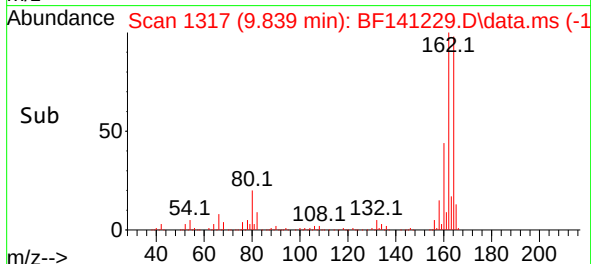
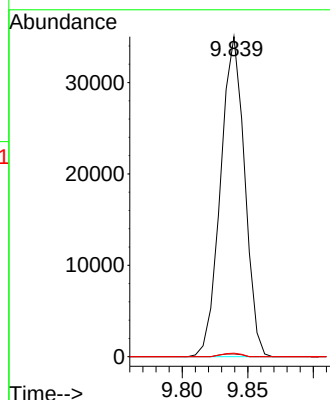
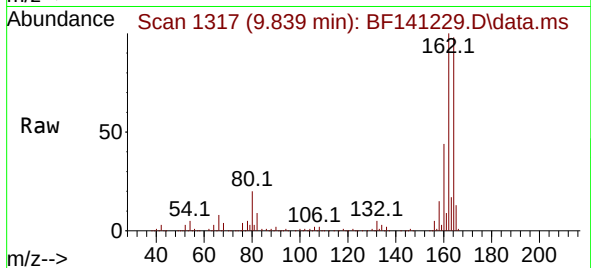
Tgt Ion:165 Resp: 44761

Ion Ratio Lower Upper

165 100

63 0.9 42.3 63.5#

89 1.1 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.454 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.206 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Tgt Ion:165 Resp: 44761

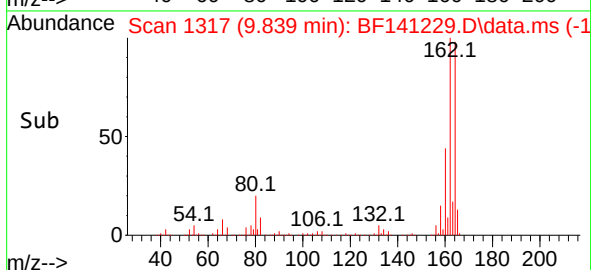
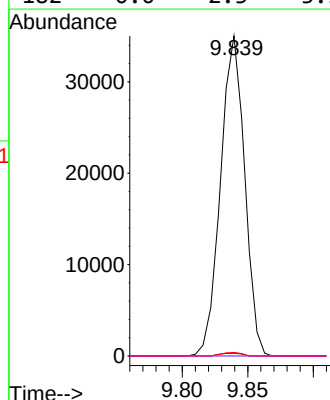
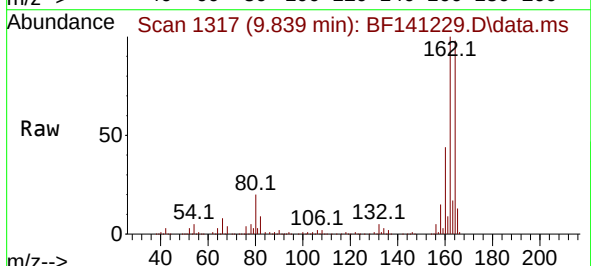
Ion Ratio Lower Upper

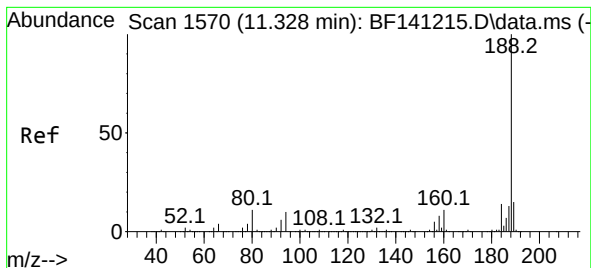
165 100

63 0.9 35.0 52.4#

89 1.1 56.7 85.1#

182 0.0 2.3 3.5#

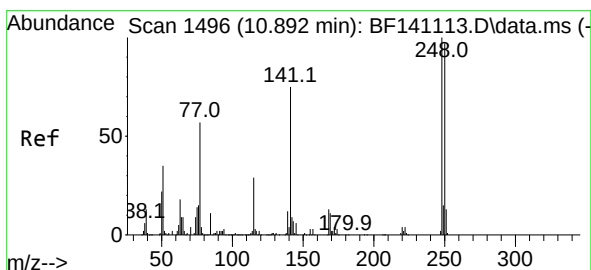
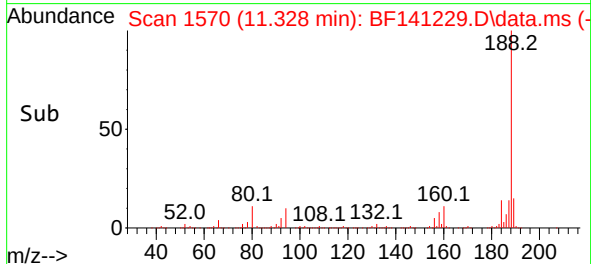
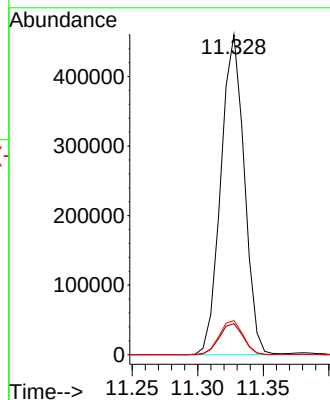
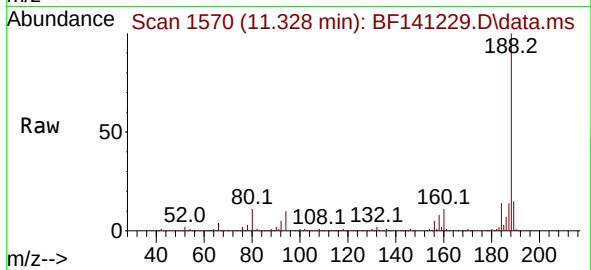




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

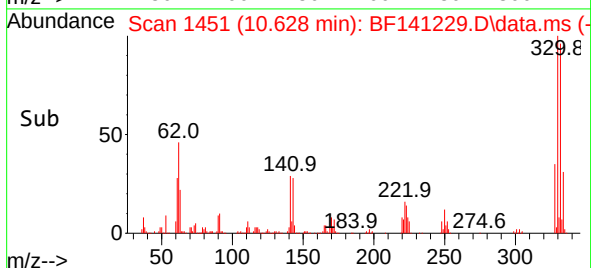
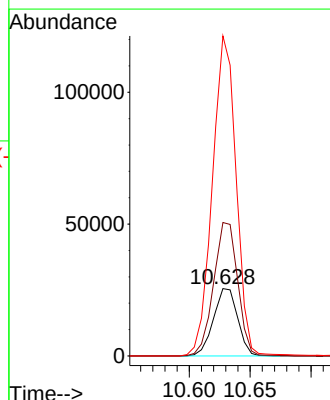
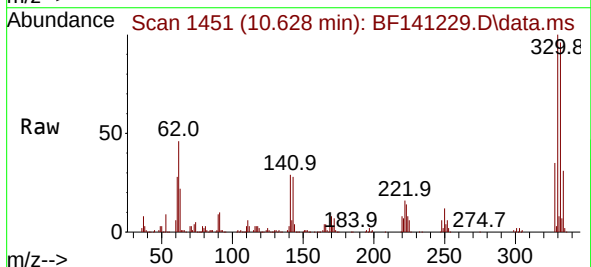
Instrument :
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PB166129BL

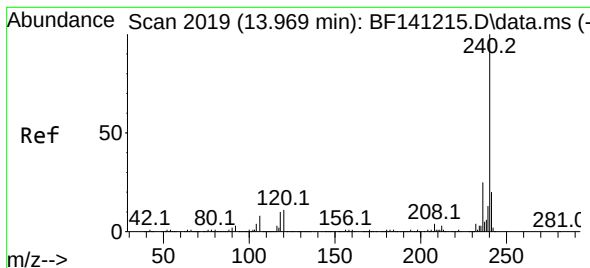
Tgt Ion:188 Resp: 572232
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.6 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.359 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.265 min
Lab File: BF141229.D
Acq: 21 Jan 2025 12:10

Tgt Ion:248 Resp: 35307
Ion Ratio Lower Upper
248 100
250 198.1 77.9 116.9#
141 475.1 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL

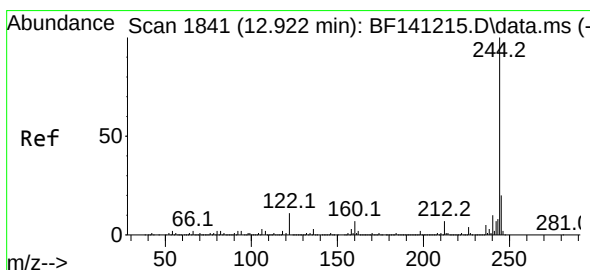
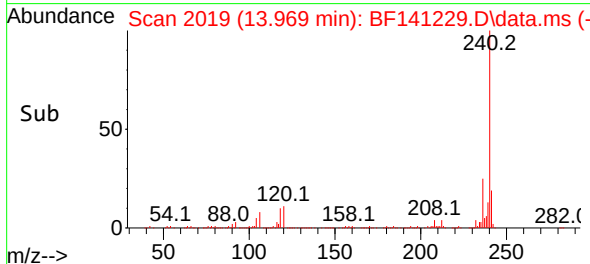
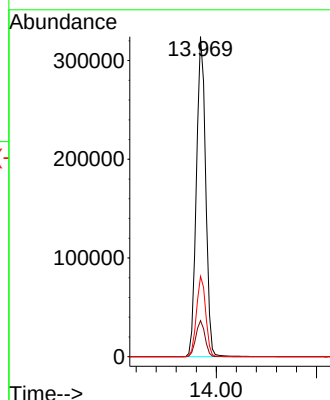
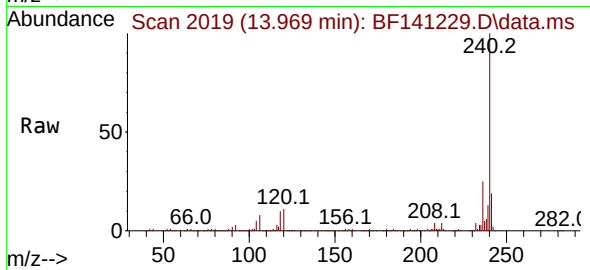
Tgt Ion:240 Resp: 414653

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 87.184 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141229.D

Acq: 21 Jan 2025 12:10

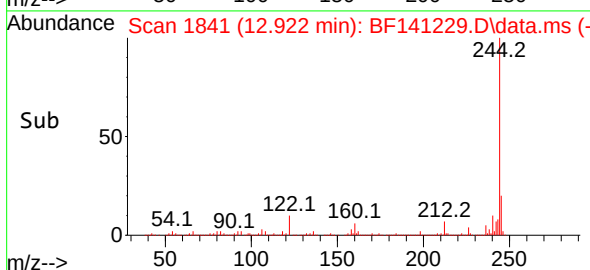
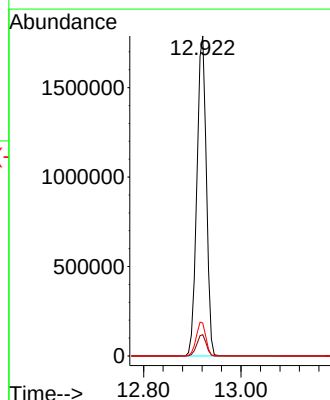
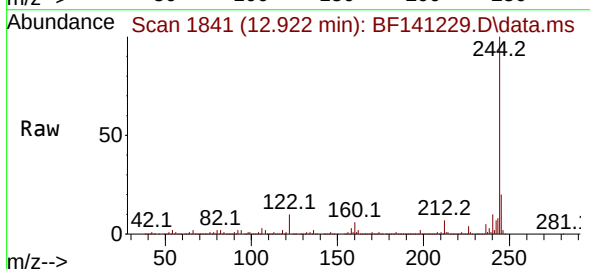
Tgt Ion:244 Resp: 2432293

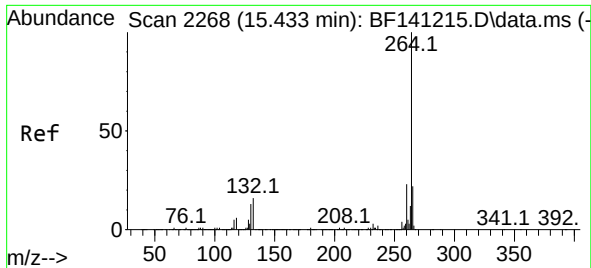
Ion Ratio Lower Upper

244 100

212 6.7 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: BF141229.D

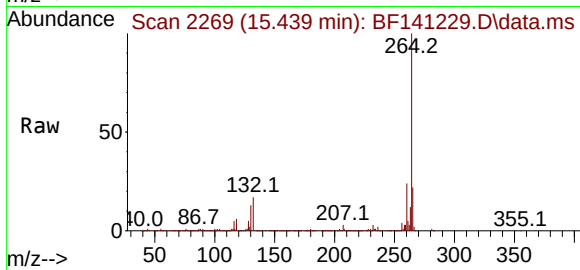
Acq: 21 Jan 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB166129BL



Tgt Ion:264 Resp: 377045

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 17.4 26.0

