

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141194.D
 Acq On : 17 Jan 2025 15:51
 Operator : RC/JU
 Sample : PB166097BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166097BL

Quant Time: Jan 17 16:12:20 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)

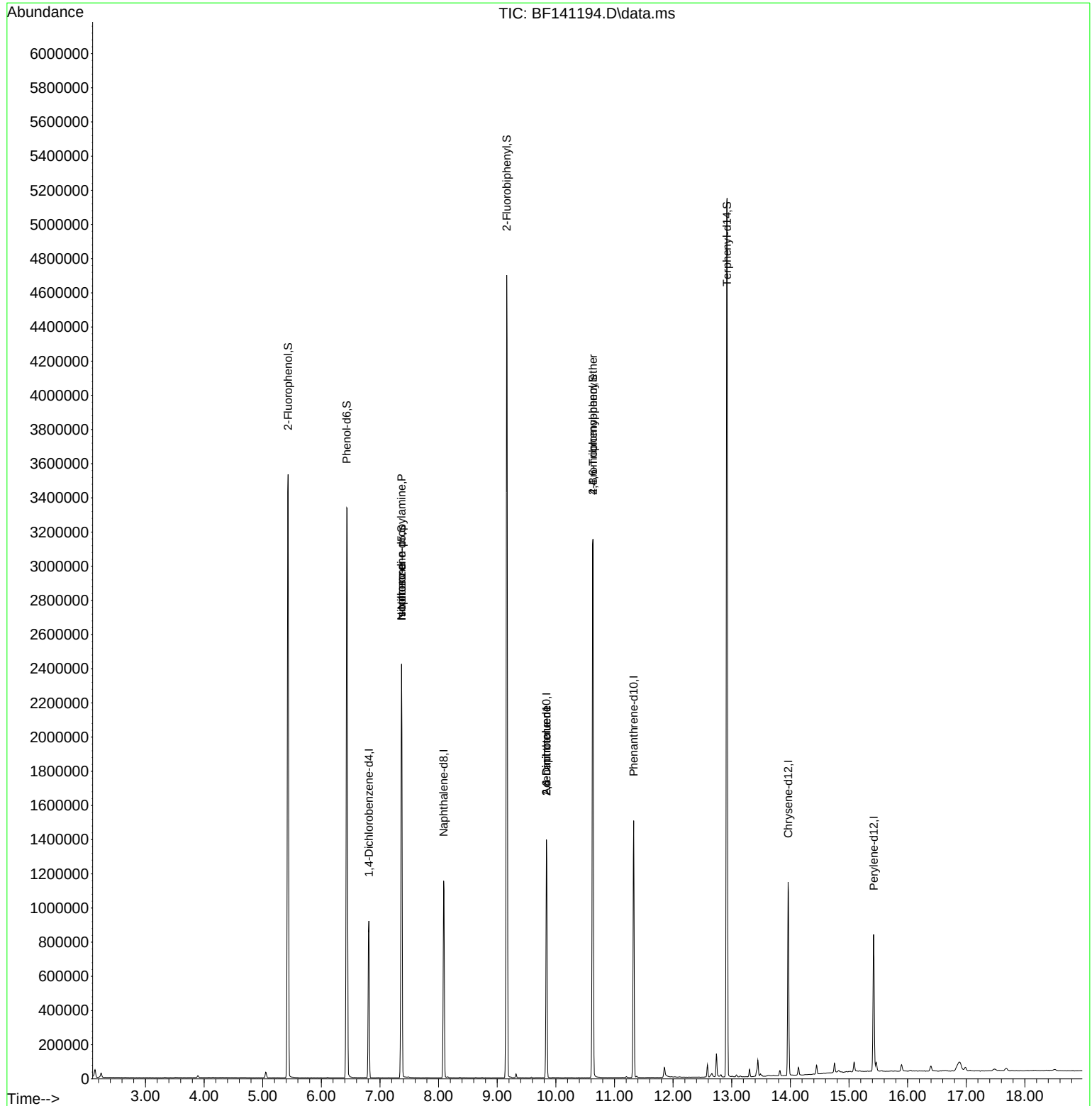
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	192217	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	782624	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	428613	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	746936	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	558933	20.000	ng	-0.02
86) Perylene-d12	15.421	264	453032	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1457811	117.161	ng	0.00
7) Phenol-d6	6.434	99	1823551	115.697	ng	-0.01
23) Nitrobenzene-d5	7.369	82	1182269	80.077	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	617981	126.538	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2223252	79.209	ng	-0.02
79) Terphenyl-d14	12.921	244	2741686	72.906	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	159818	17.213	ng	# 78
25) Isophorone	7.369	82	1175971	46.608	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	54611	8.161	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	54611	6.333	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	37744	4.389	ng	# 1

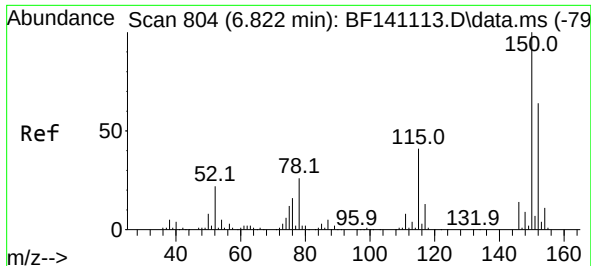
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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Quant Time: Jan 17 16:12:20 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

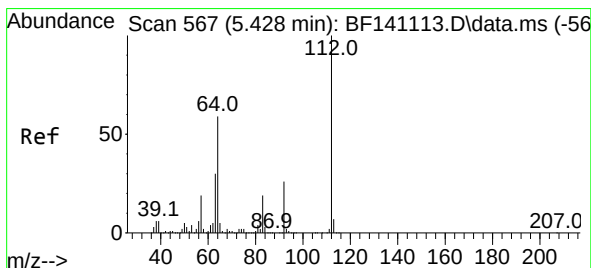
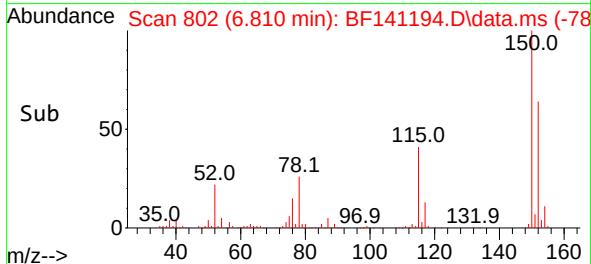
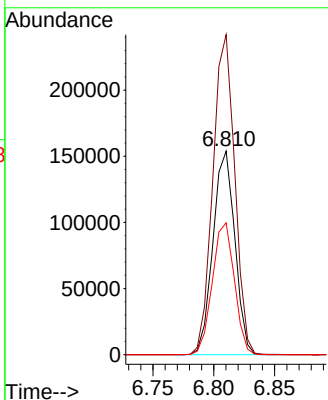
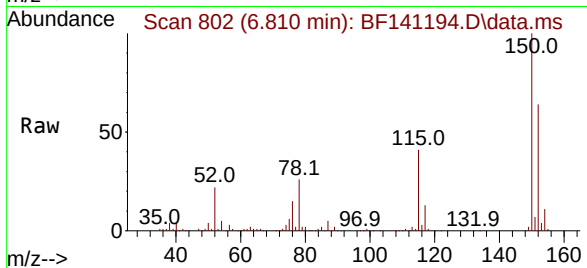




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BF141194.D
 Acq: 17 Jan 2025 15:51

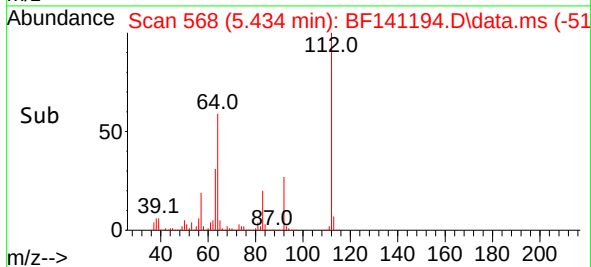
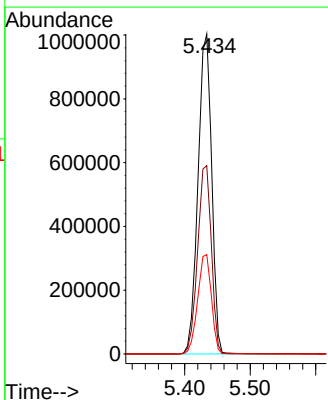
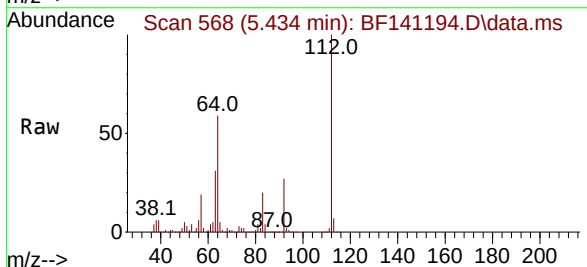
Instrument :
 BNA_F
 ClientSampleId :
 PB166097BL

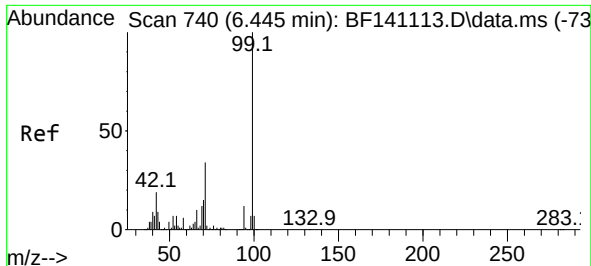
Tgt Ion:152 Resp: 192217
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.8 188.8
 115 64.7 51.4 77.2



#5
 2-Fluorophenol
 Concen: 117.161 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF141194.D
 Acq: 17 Jan 2025 15:51

Tgt Ion:112 Resp: 1457811
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.3 70.9
 63 31.1 24.2 36.2

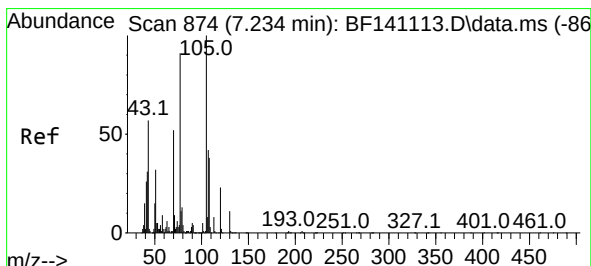
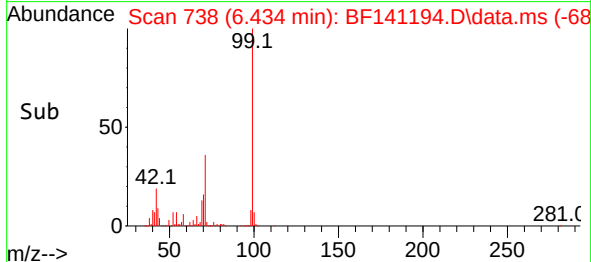
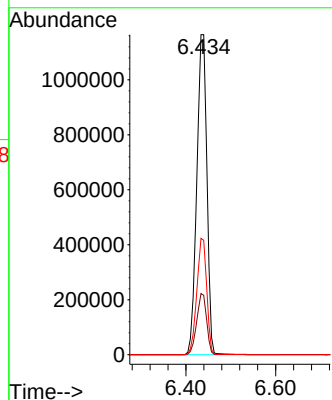
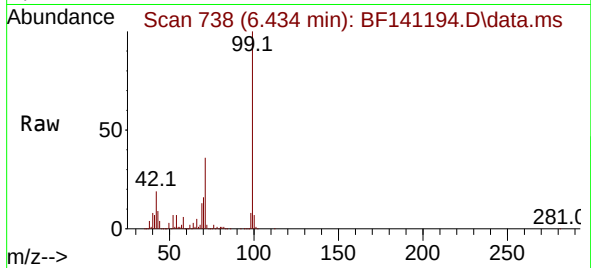




#7
Phenol-d6
Concen: 115.697 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

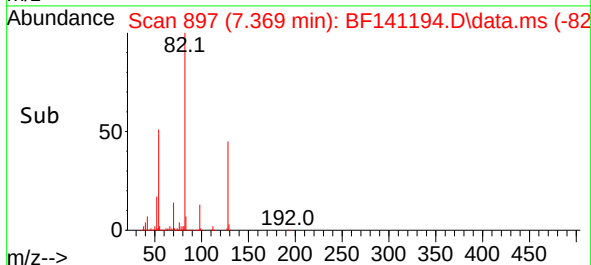
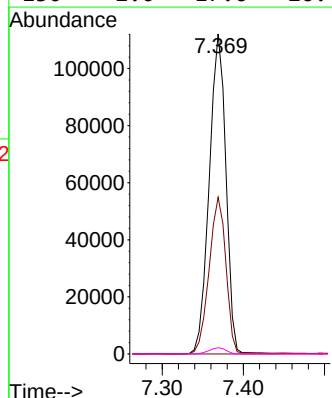
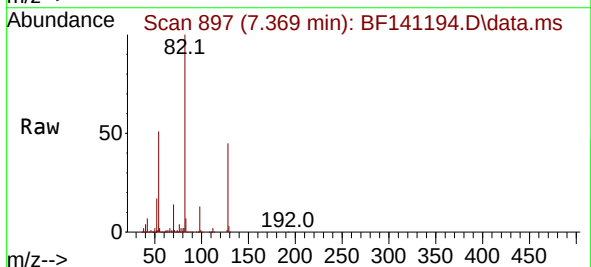
Instrument :
BNA_F
ClientSampleId :
PB166097BL

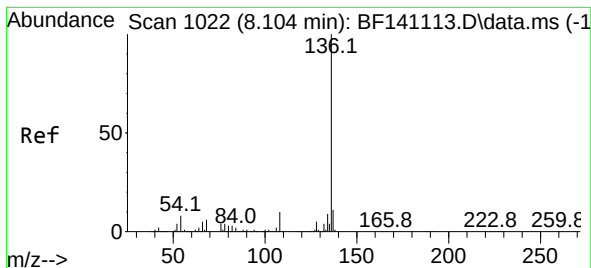
Tgt Ion: 99 Resp: 1823551
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 36.3 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.213 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Tgt Ion: 70 Resp: 159818
Ion Ratio Lower Upper
70 100
42 48.9 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: 8.086 min Scan# 1022

Delta R.T. -0.018 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB166097BL

Tgt Ion:136 Resp: 782624

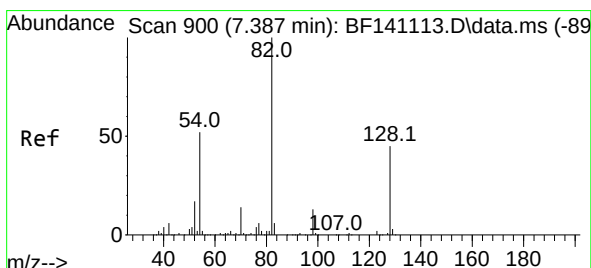
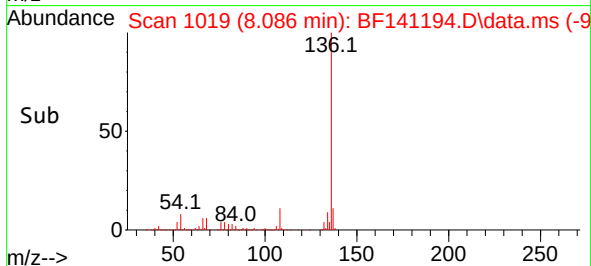
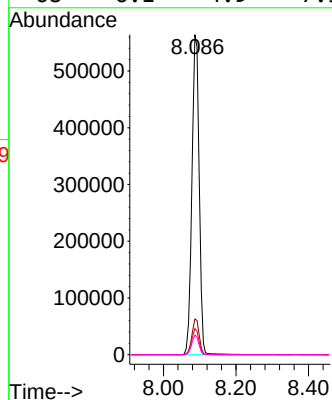
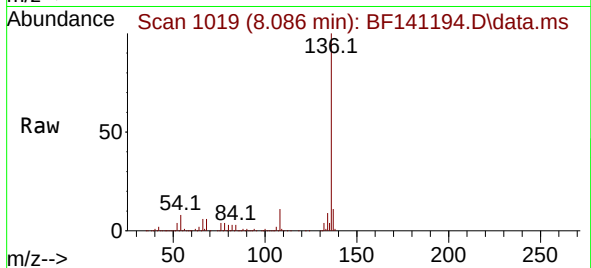
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.2 6.3 9.5

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 80.077 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

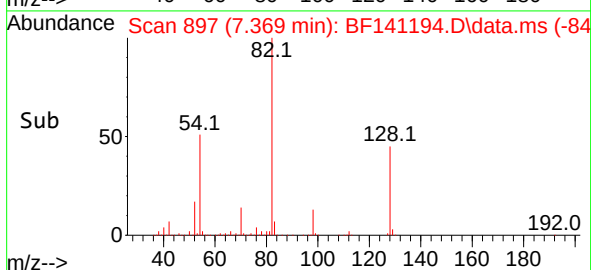
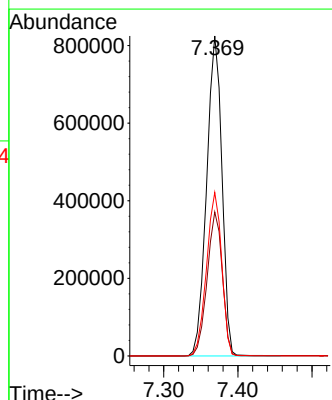
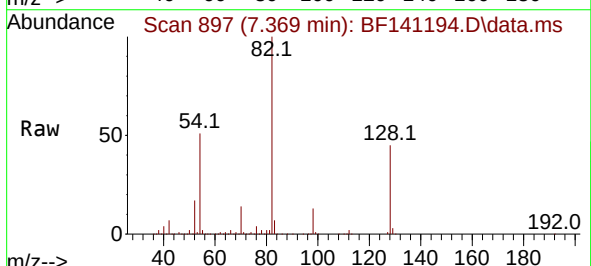
Tgt Ion: 82 Resp: 1182269

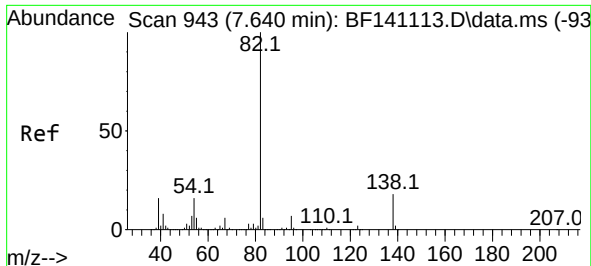
Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

54 51.1 41.0 61.4

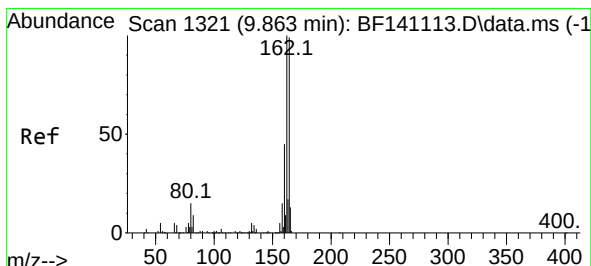
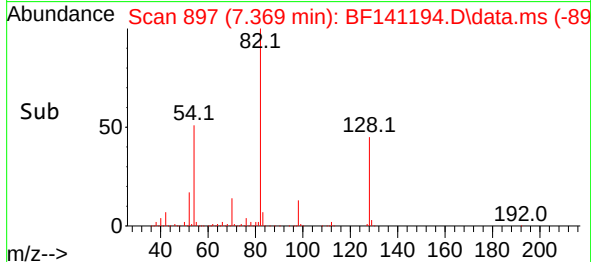
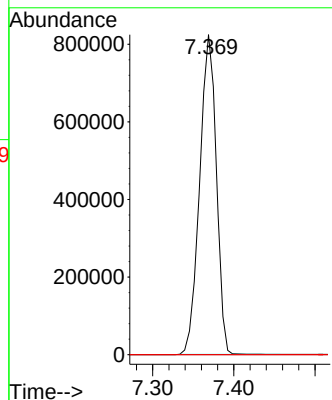
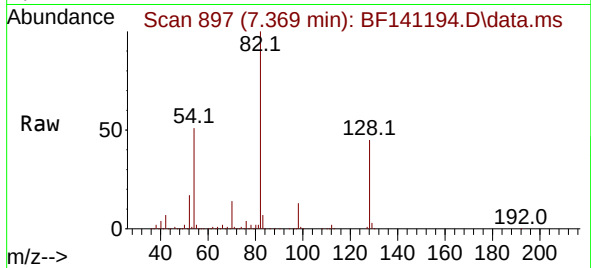




#25
Isophorone
Concen: 46.608 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

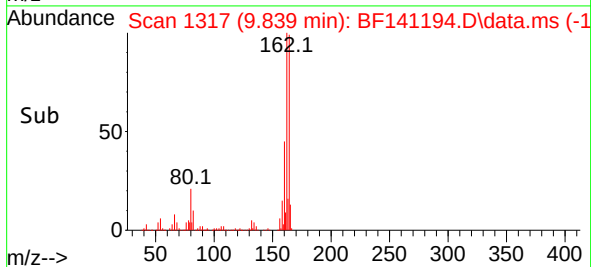
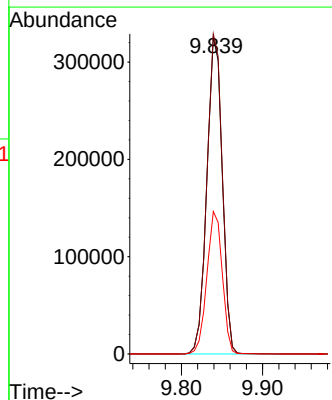
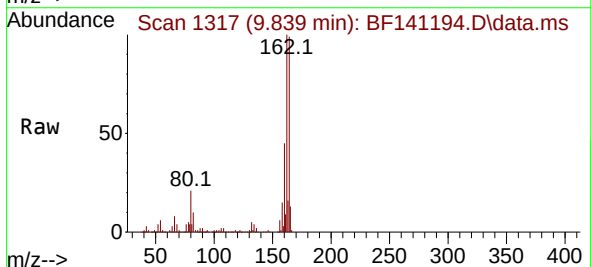
Instrument :
BNA_F
ClientSampleId :
PB166097BL

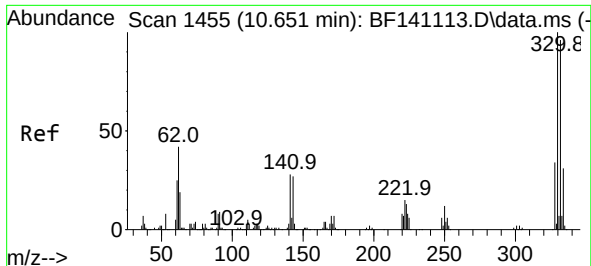
Tgt Ion: 82 Resp: 1175971
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

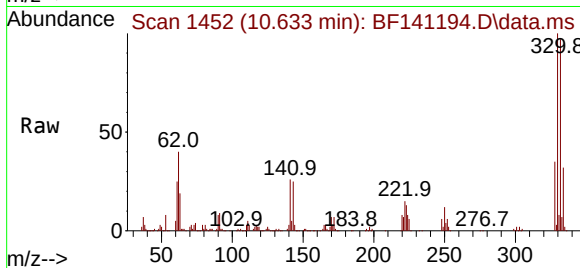
Tgt Ion:164 Resp: 428613
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.9 36.1 54.1



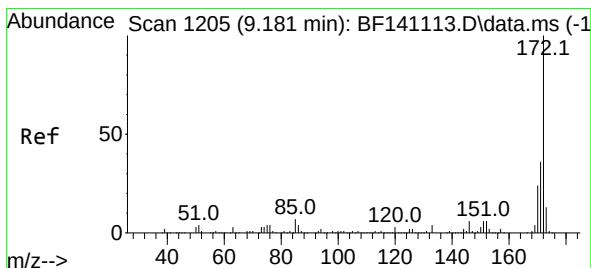
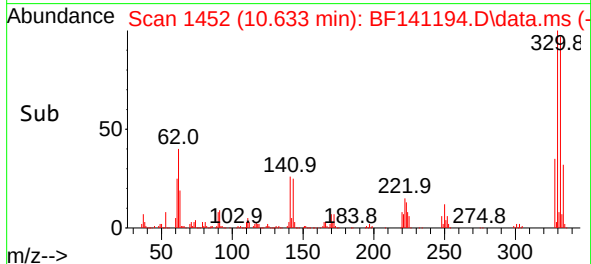
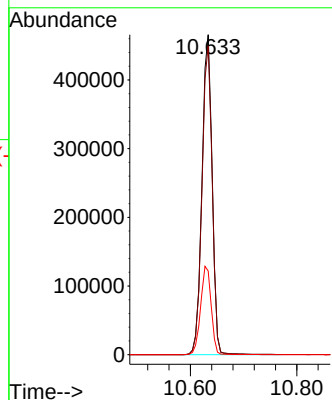


#42
2,4,6-Tribromophenol
Concen: 126.538 ng
RT: 10.633 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB166097BL

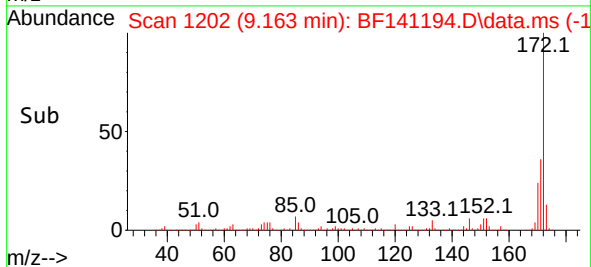
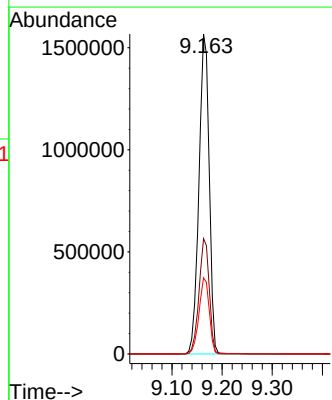
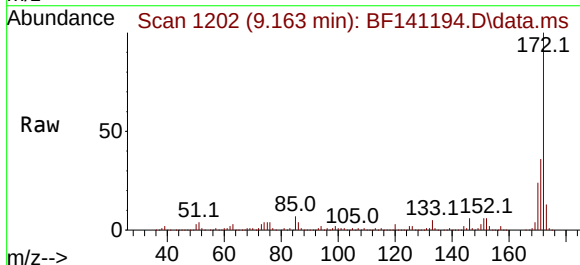


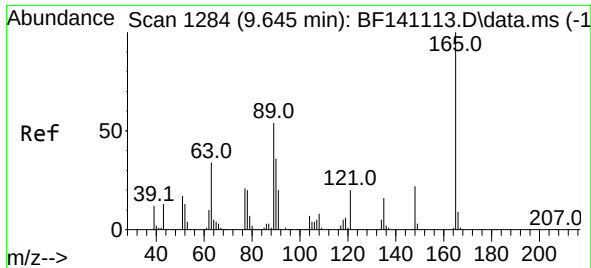
Tgt Ion:330 Resp: 617981
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.6 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 79.209 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Tgt Ion:172 Resp: 2223252
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: 8.161 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.194 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB166097BL

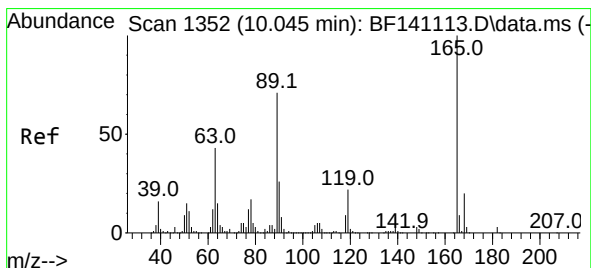
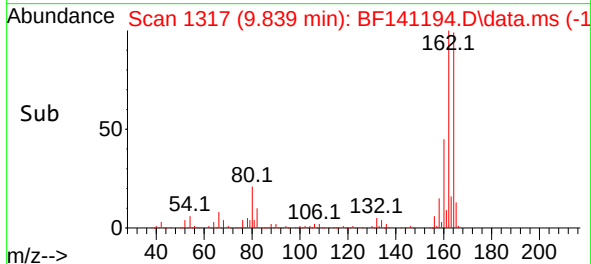
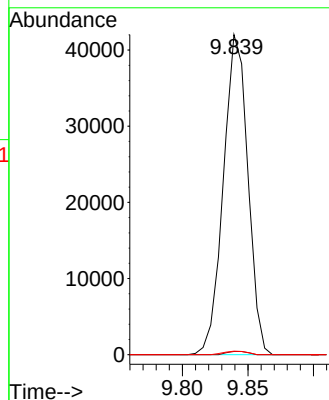
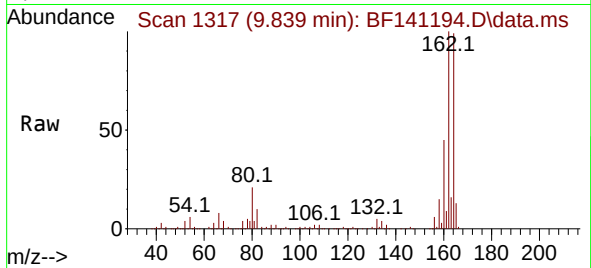
Tgt Ion:165 Resp: 54611

Ion Ratio Lower Upper

165 100

63 1.0 42.3 63.5#

89 1.1 43.1 64.7#



#57

2,4-Dinitrotoluene

Concen: 6.333 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.206 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

Tgt Ion:165 Resp: 54611

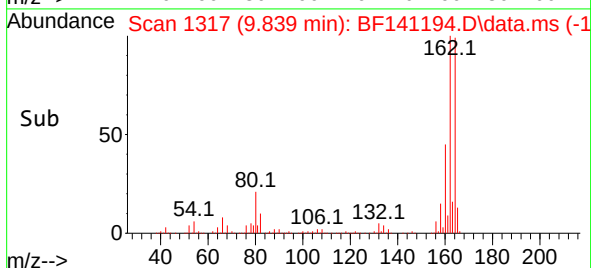
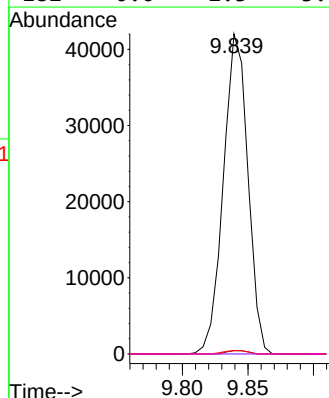
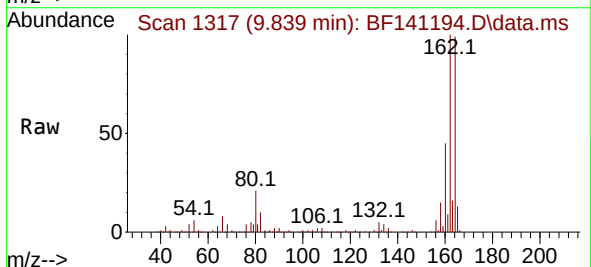
Ion Ratio Lower Upper

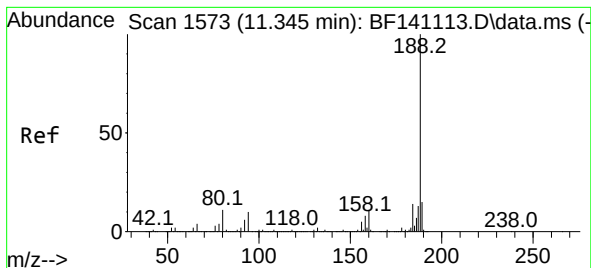
165 100

63 1.0 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: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

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PB166097BL

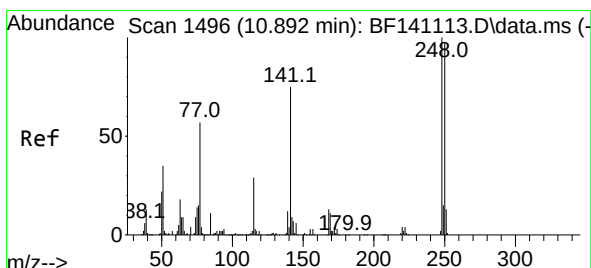
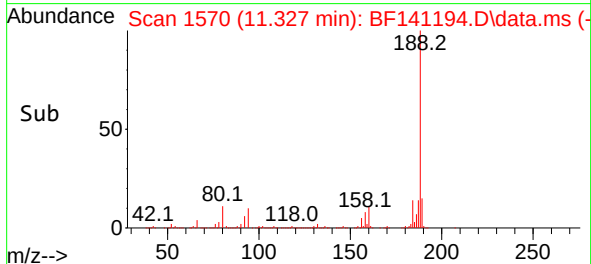
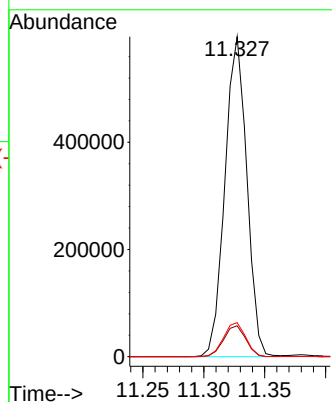
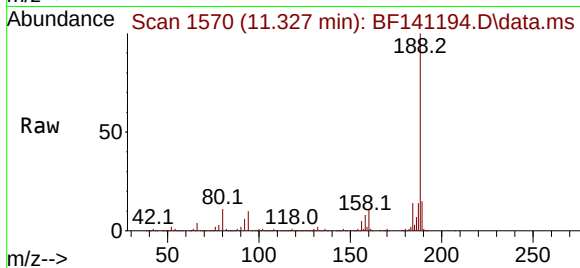
Tgt Ion:188 Resp: 746936

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: 4.389 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

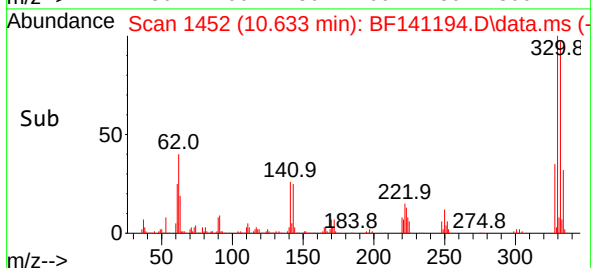
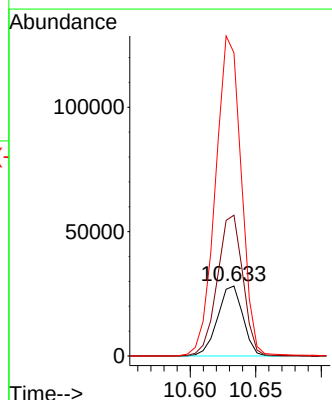
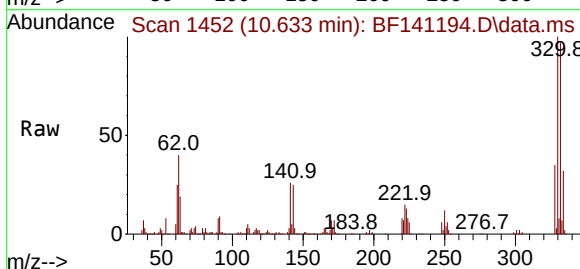
Tgt Ion:248 Resp: 37744

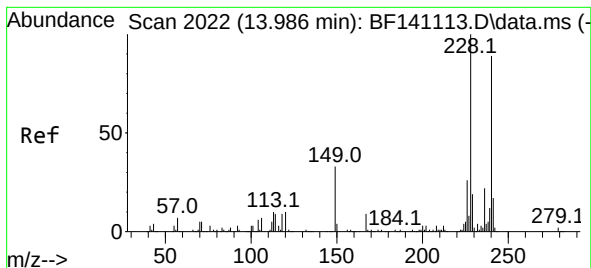
Ion Ratio Lower Upper

248 100

250 201.3 77.9 116.9#

141 433.7 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

Instrument :

BNA_F

ClientSampleId :

PB166097BL

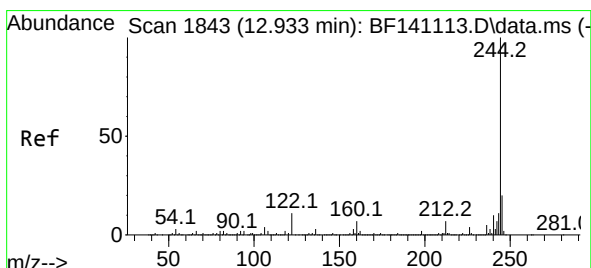
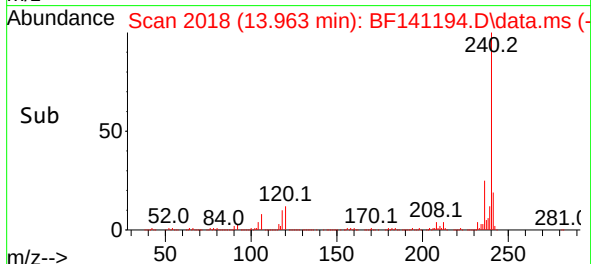
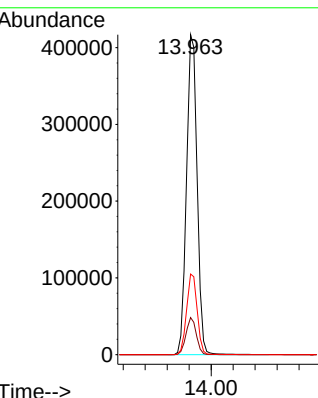
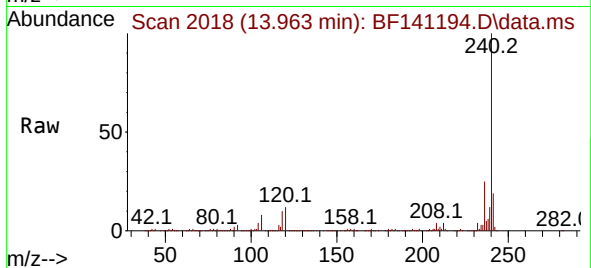
Tgt Ion:240 Resp: 558933

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

236 25.2 19.8 29.6



#79

Terphenyl-d14

Concen: 72.906 ng

RT: 12.921 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141194.D

Acq: 17 Jan 2025 15:51

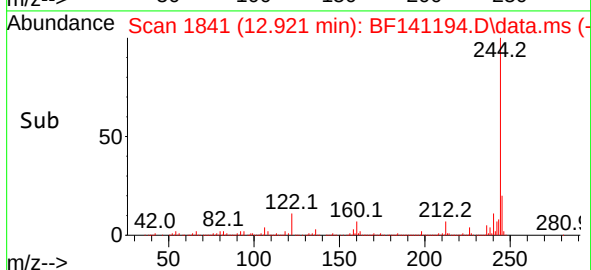
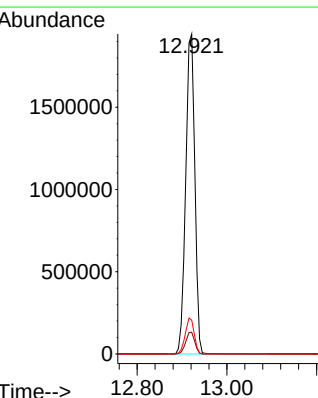
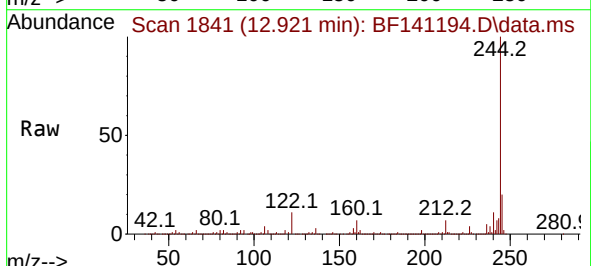
Tgt Ion:244 Resp: 2741686

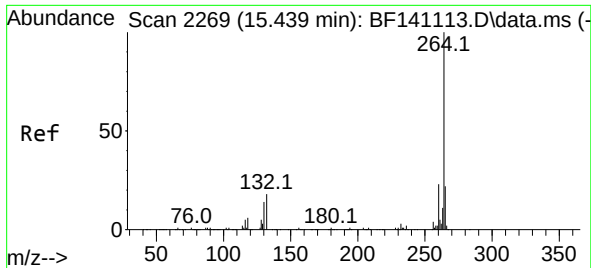
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

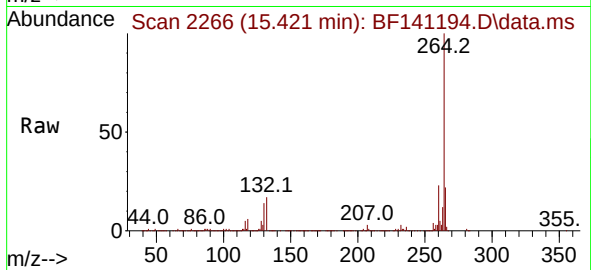
122 10.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141194.D
Acq: 17 Jan 2025 15:51

Instrument :
BNA_F
ClientSampleId :
PB166097BL



Tgt Ion:264 Resp: 453032
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.7 17.4 26.0

