

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141169.D
 Acq On : 15 Jan 2025 12:11
 Operator : RC/JU
 Sample : PB166035BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166035BL

Quant Time: Jan 15 12:36:20 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)

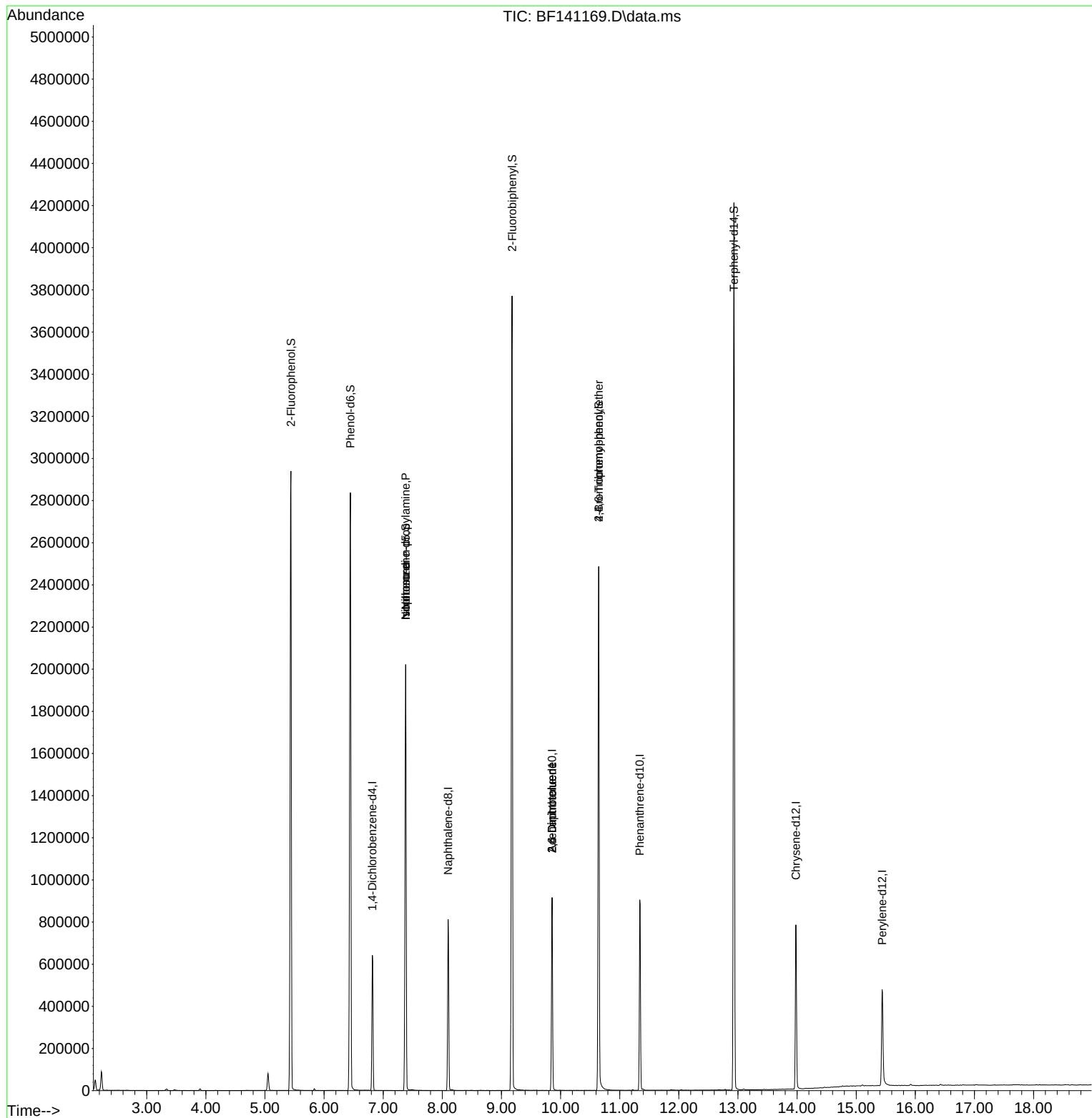
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	136764	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	539364	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	276861	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	476305	20.000	ng	0.00
76) Chrysene-d12	13.980	240	381699	20.000	ng	0.00
86) Perylene-d12	15.439	264	303475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1215399	137.284	ng	0.01
7) Phenol-d6	6.445	99	1520117	135.550	ng	0.00
23) Nitrobenzene-d5	7.381	82	981325	96.444	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	482388	152.913	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1769689	97.608	ng	0.00
79) Terphenyl-d14	12.933	244	2122117	82.634	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	133403	20.194	ng	Qvalue # 76
25) Isophorone	7.381	82	975142	56.079	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	36197	8.375	ng	# 26
57) 2,4-Dinitrotoluene	9.857	165	36197	6.498	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	29302	5.343	ng	# 1

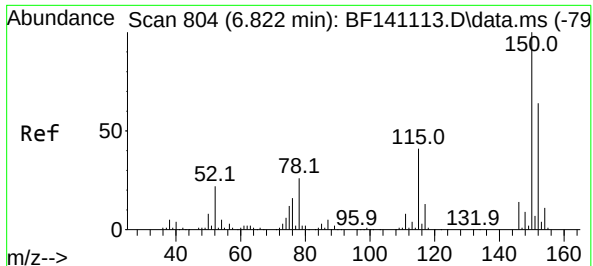
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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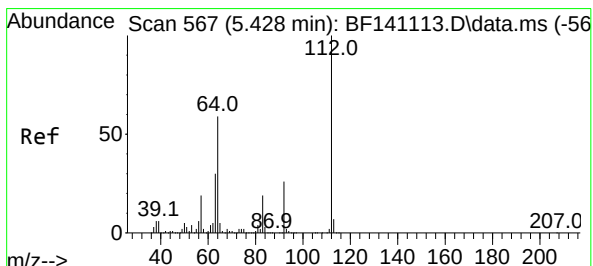
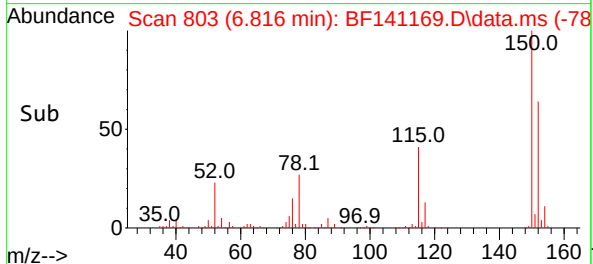
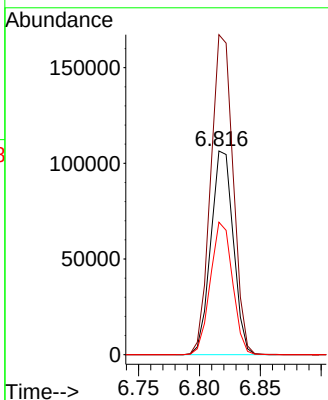
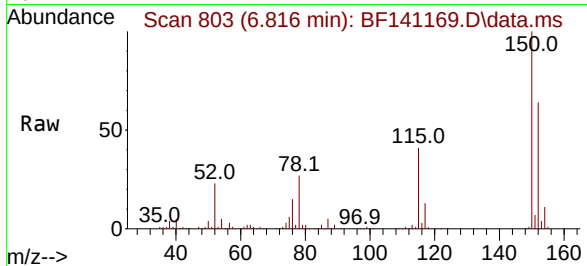




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

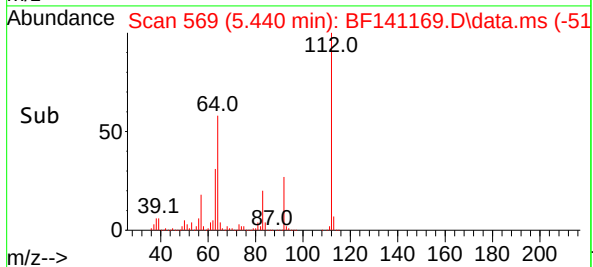
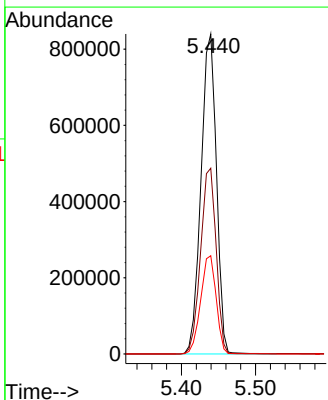
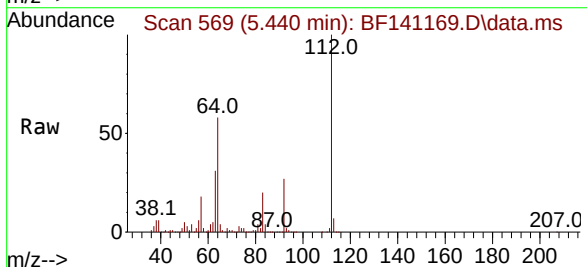
Instrument :
BNA_F
ClientSampleId :
PB166035BL

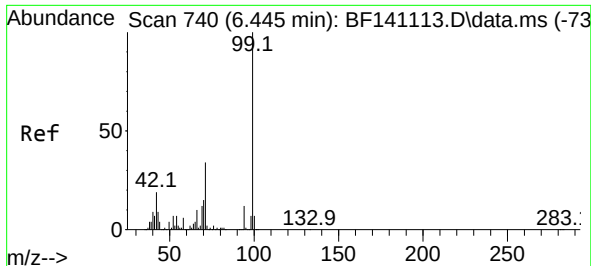
Tgt Ion:152 Resp: 136764
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.8
115 65.1 51.4 77.2



#5
2-Fluorophenol
Concen: 137.284 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion:112 Resp: 1215399
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 30.7 24.2 36.2

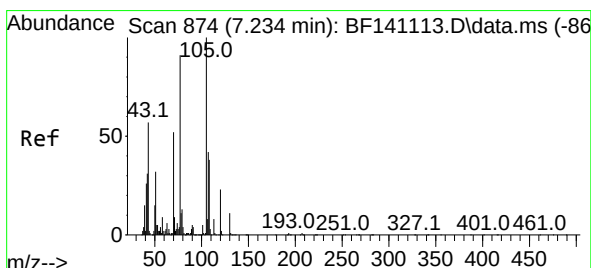
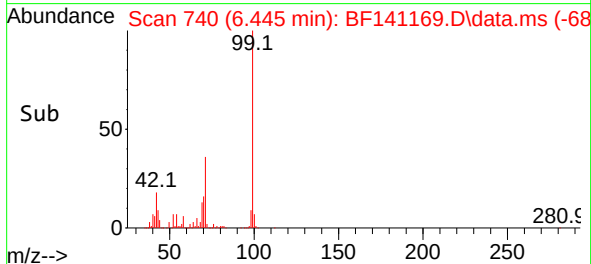
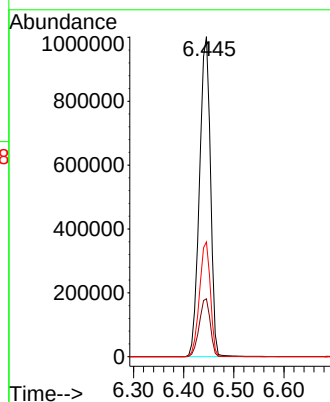
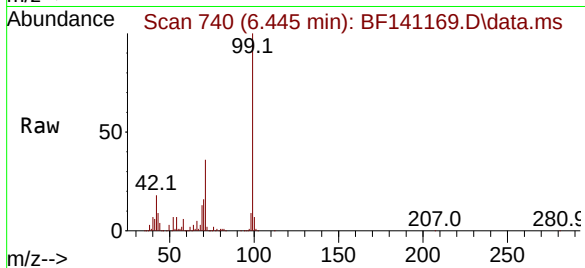




#7
Phenol-d6
Concen: 135.550 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

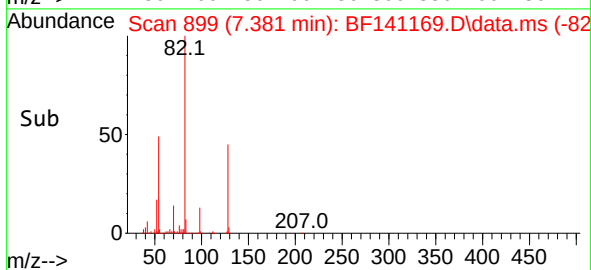
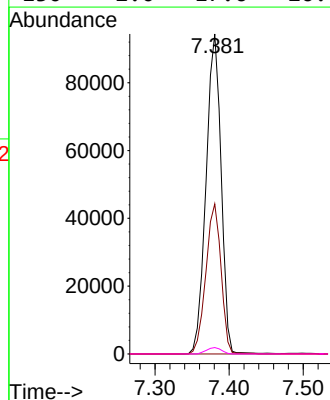
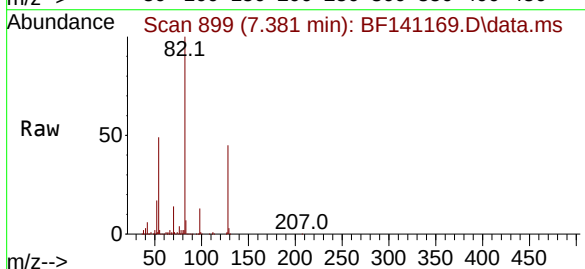
Instrument :
BNA_F
ClientSampleId :
PB166035BL

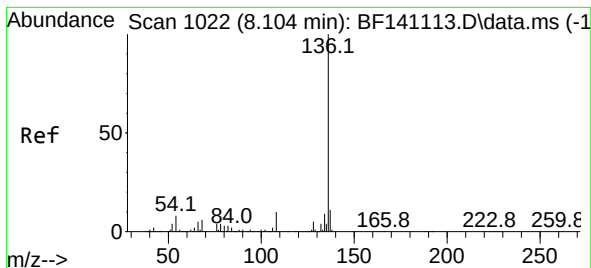
Tgt Ion: 99 Resp: 1520117
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.194 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion: 70 Resp: 133403
Ion Ratio Lower Upper
70 100
42 46.9 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: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141169.D

Acq: 15 Jan 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB166035BL

Tgt Ion:136 Resp: 539364

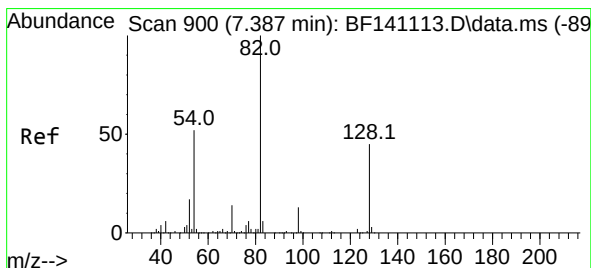
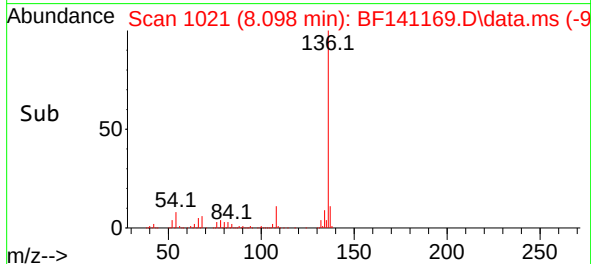
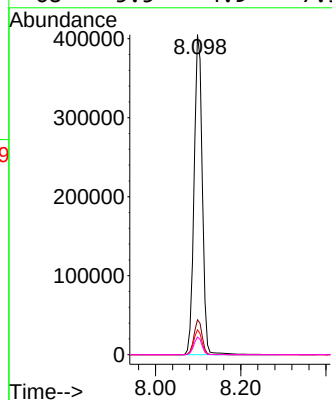
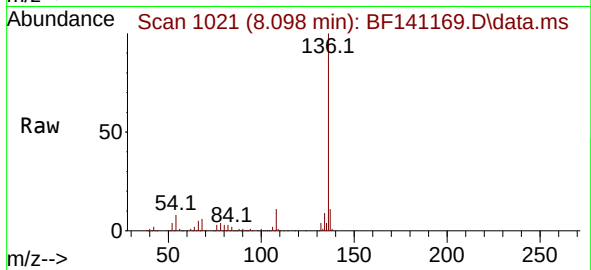
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.3 9.5

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 96.444 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141169.D

Acq: 15 Jan 2025 12:11

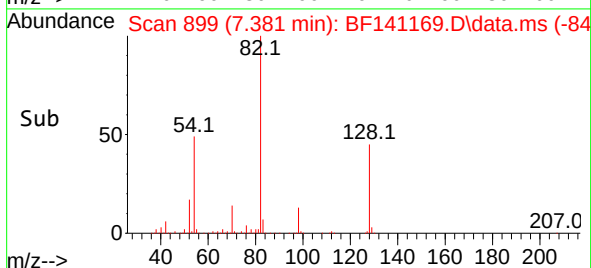
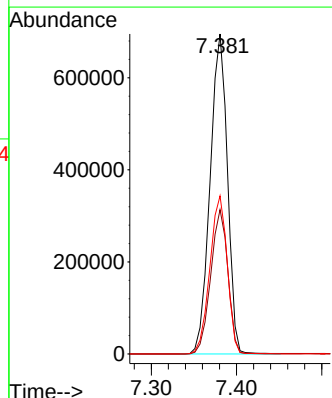
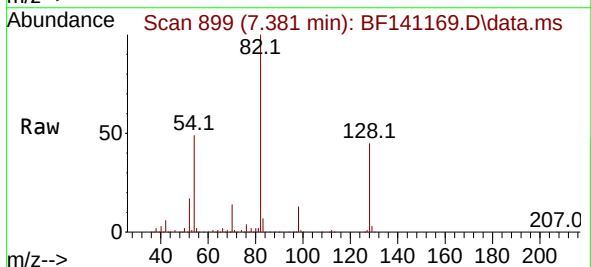
Tgt Ion: 82 Resp: 981325

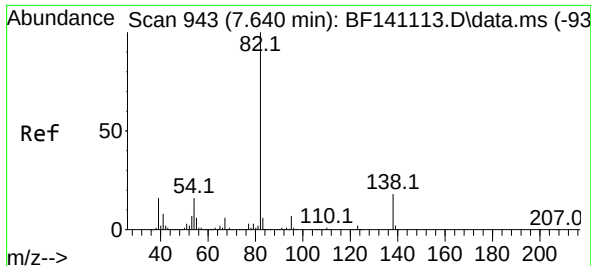
Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

54 49.4 41.0 61.4

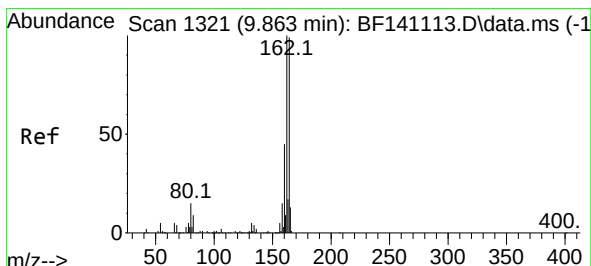
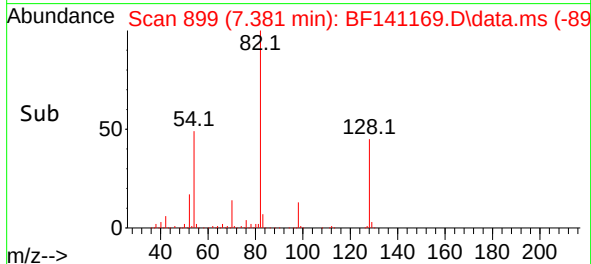
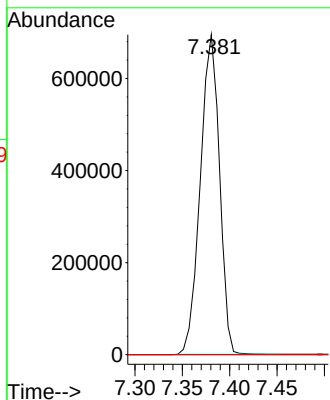
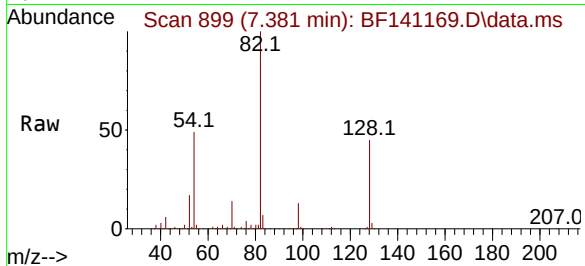




#25
Isophorone
Concen: 56.079 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

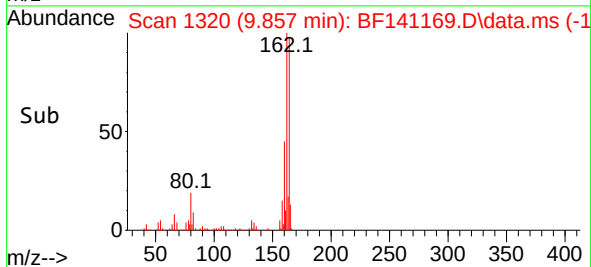
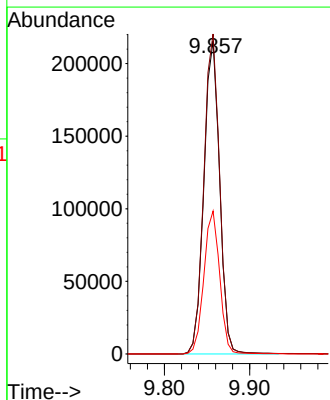
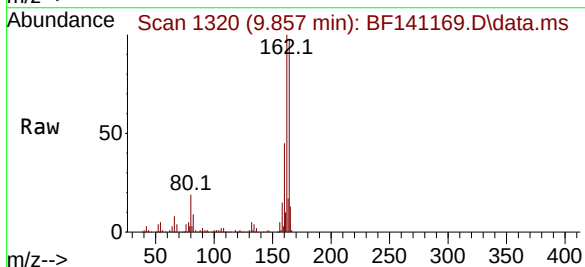
Instrument :
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ClientSampleId :
PB166035BL

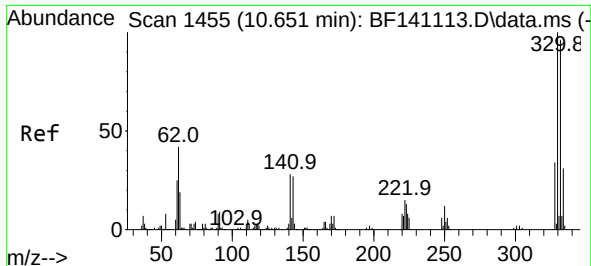
Tgt Ion: 82 Resp: 975142
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

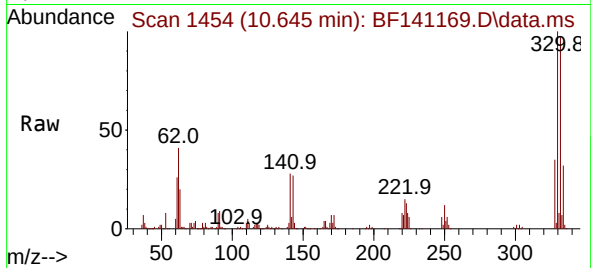
Tgt Ion: 164 Resp: 276861
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 45.7 36.1 54.1



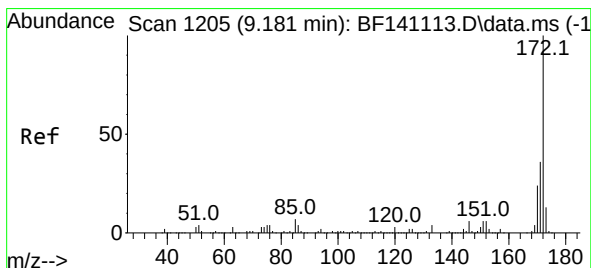
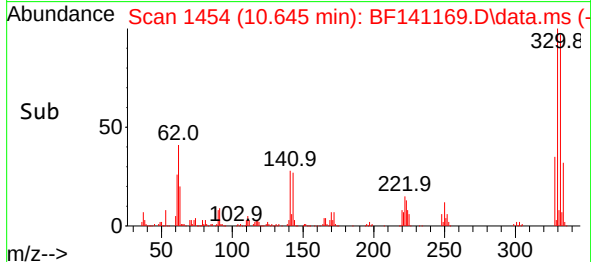
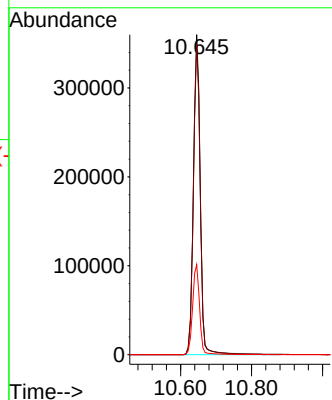


#42
2,4,6-Tribromophenol
Concen: 152.913 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB166035BL

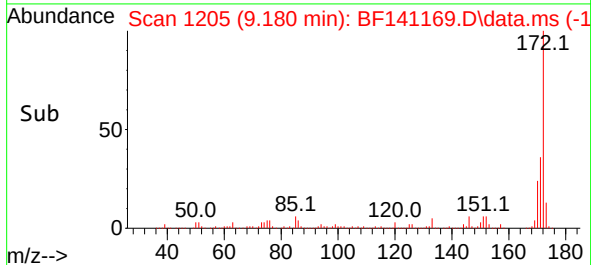
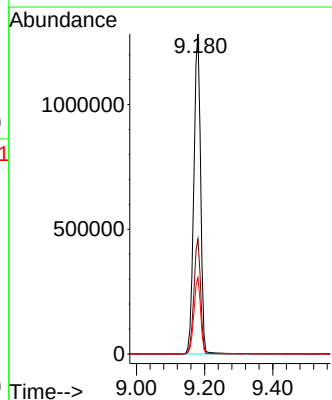
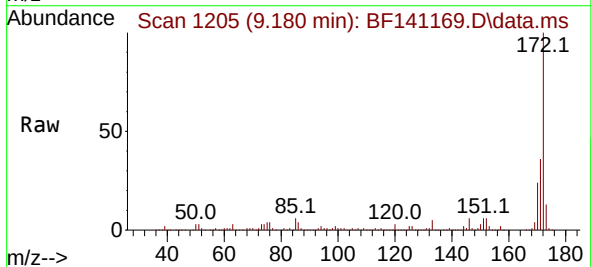


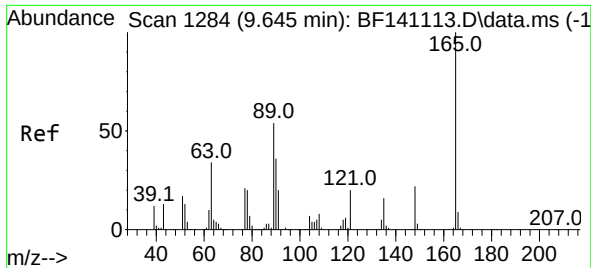
Tgt Ion:330 Resp: 482388
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 28.7 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 97.608 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion:172 Resp: 1769689
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 19.0 28.6

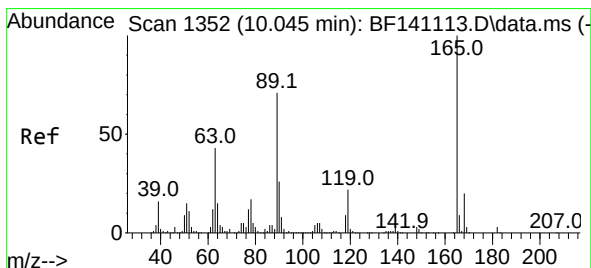
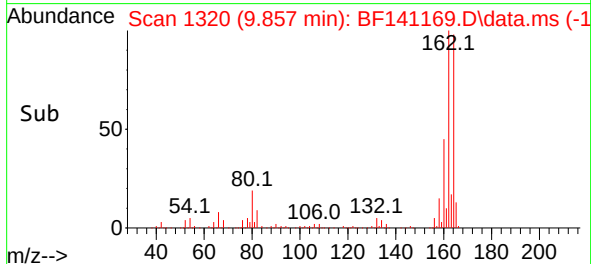
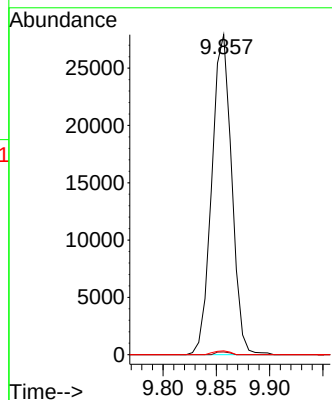
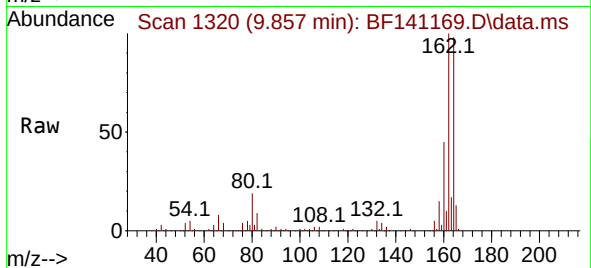




#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

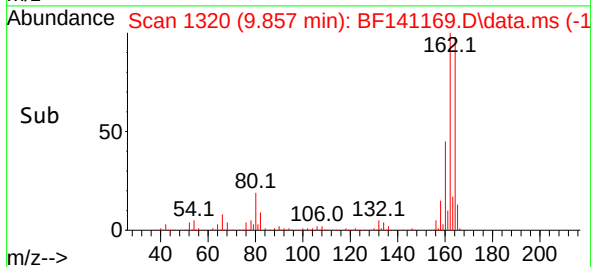
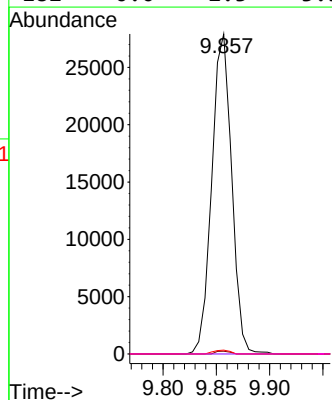
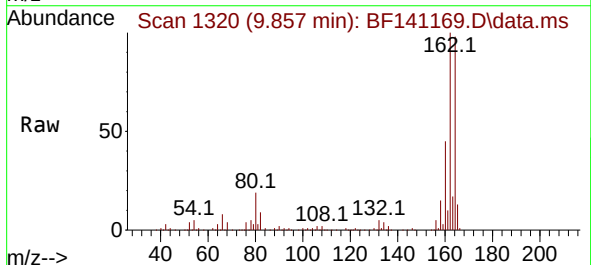
Instrument :
BNA_F
ClientSampleId :
PB166035BL

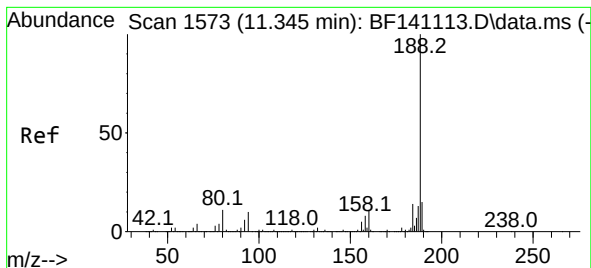
Tgt Ion:165 Resp: 36197
Ion Ratio Lower Upper
165 100
63 0.8 42.3 63.5#
89 1.2 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141169.D
Acq: 15 Jan 2025 12:11

Tgt Ion:165 Resp: 36197
Ion Ratio Lower Upper
165 100
63 0.8 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# 11

Delta R.T. -0.006 min

Lab File: BF141169.D

Acq: 15 Jan 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB166035BL

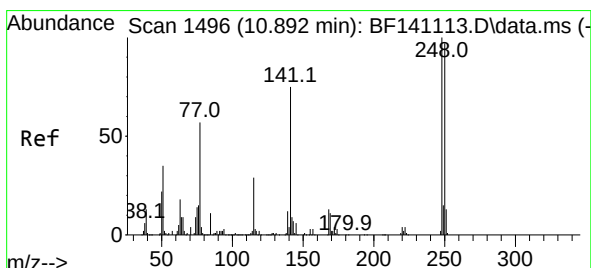
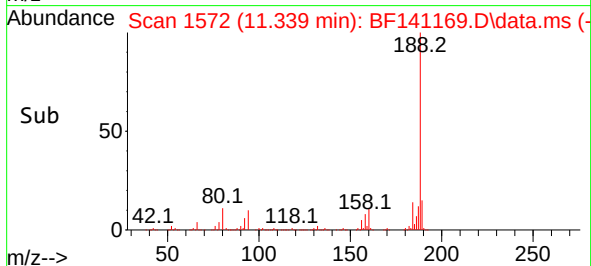
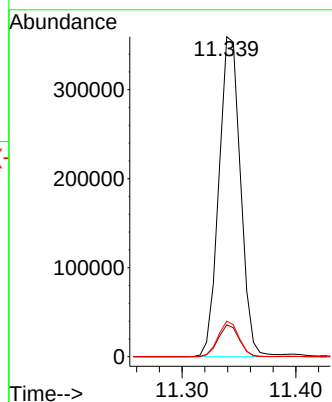
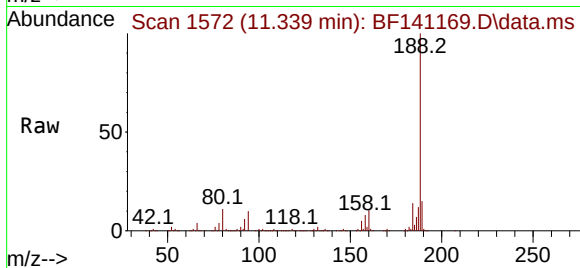
Tgt Ion:188 Resp: 476305

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.343 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141169.D

Acq: 15 Jan 2025 12:11

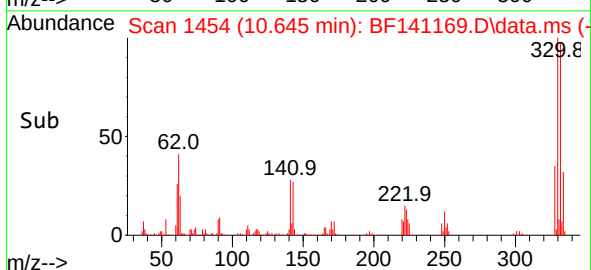
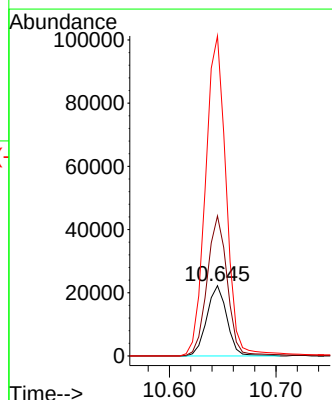
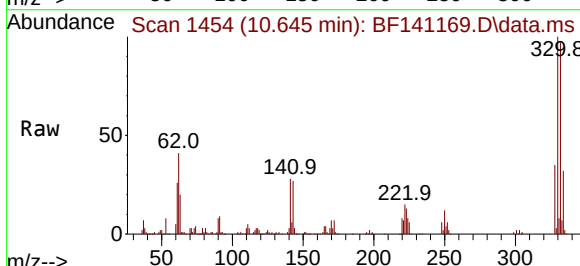
Tgt Ion:248 Resp: 29302

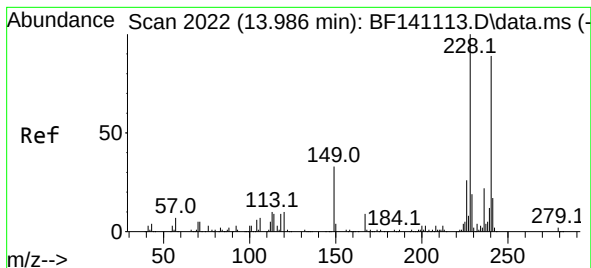
Ion Ratio Lower Upper

248 100

250 199.5 77.9 116.9#

141 455.8 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: BF141169.D

Acq: 15 Jan 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB166035BL

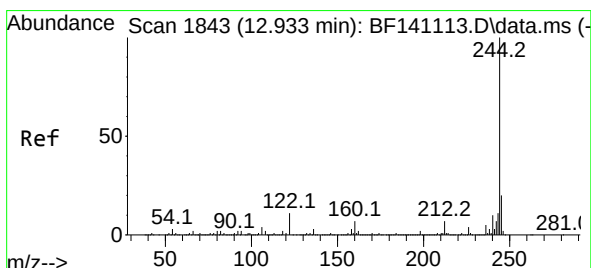
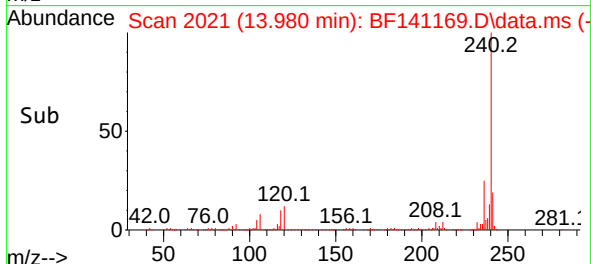
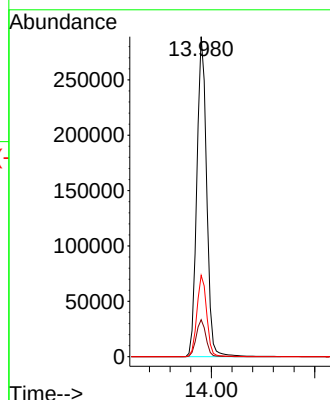
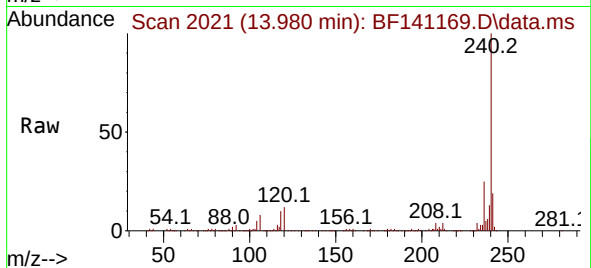
Tgt Ion:240 Resp: 381699

Ion Ratio Lower Upper

240 100

120 11.6 9.1 13.7

236 25.4 19.8 29.6



#79

Terphenyl-d14

Concen: 82.634 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141169.D

Acq: 15 Jan 2025 12:11

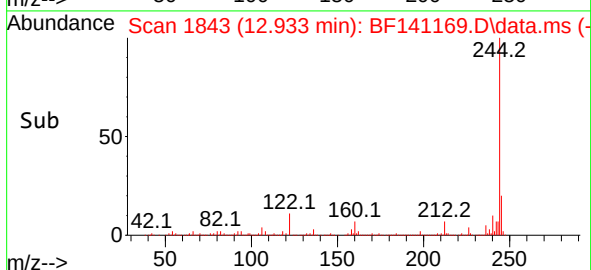
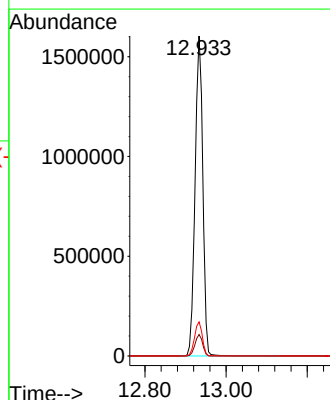
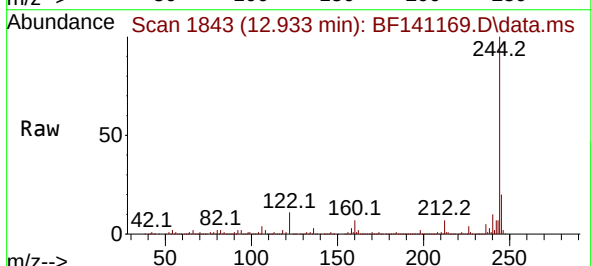
Tgt Ion:244 Resp: 2122117

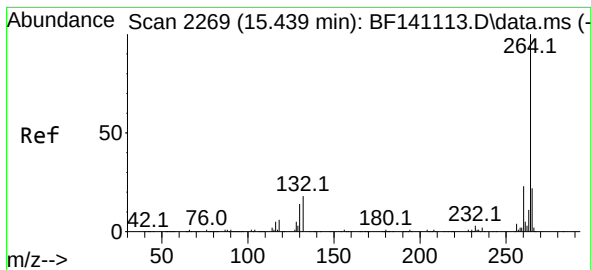
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.7 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: BF141169.D
 Acq: 15 Jan 2025 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB166035BL

Tgt Ion:264 Resp: 303475
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.7 17.4 26.0

