

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141171.D
 Acq On : 15 Jan 2025 13:12
 Operator : RC/JU
 Sample : PB166061BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166061BL

Quant Time: Jan 15 13:43:24 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)

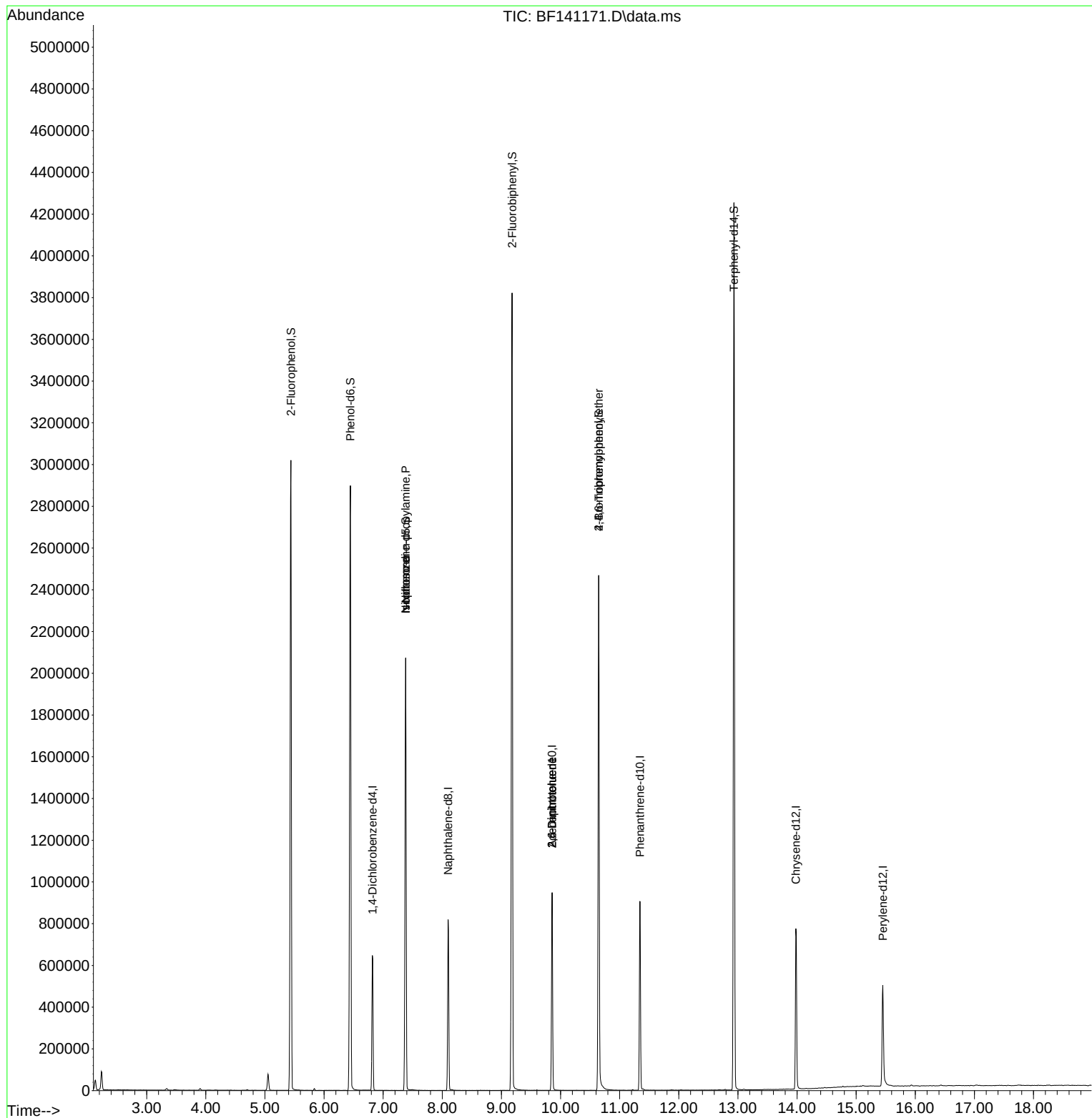
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	139696	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	549482	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	287376	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	484833	20.000	ng	0.00
76) Chrysene-d12	13.980	240	391933	20.000	ng	0.00
86) Perylene-d12	15.451	264	312524	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1249298	138.151	ng	0.01
7) Phenol-d6	6.446	99	1551005	135.402	ng	0.00
23) Nitrobenzene-d5	7.381	82	997879	96.265	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	486085	148.447	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1807597	96.051	ng	0.00
79) Terphenyl-d14	12.933	244	2162494	82.007	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	134244	19.895	ng	# 75
25) Isophorone	7.381	82	991845	55.989	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	36653	8.170	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	36653	6.339	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	28736	5.148	ng	# 1

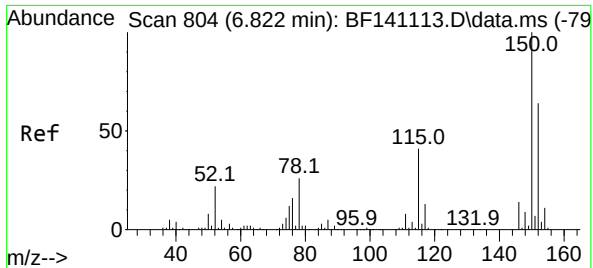
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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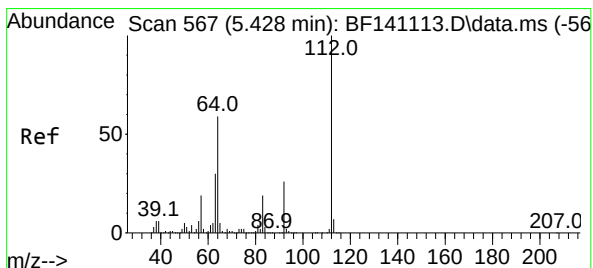
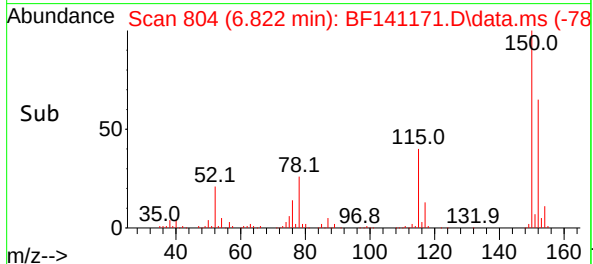
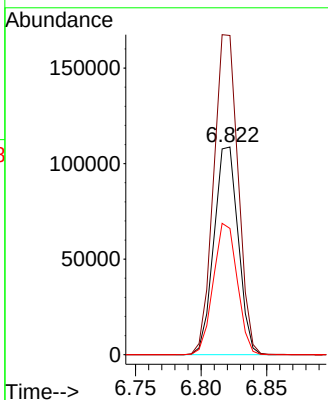
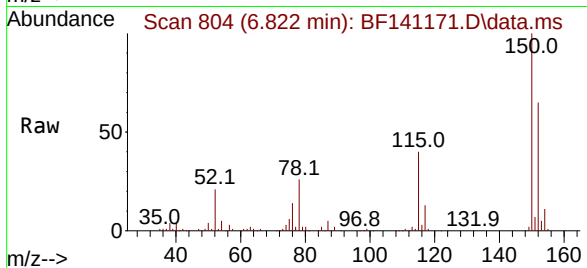




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF141171.D
 Acq: 15 Jan 2025 13:12

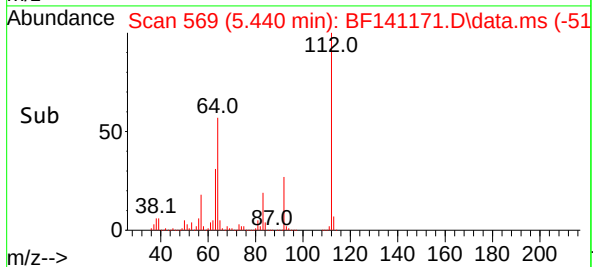
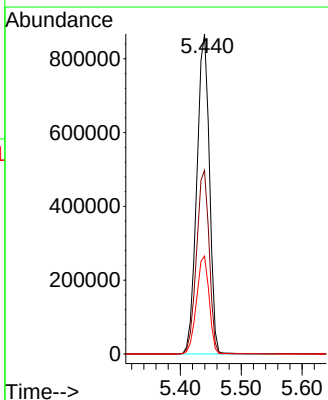
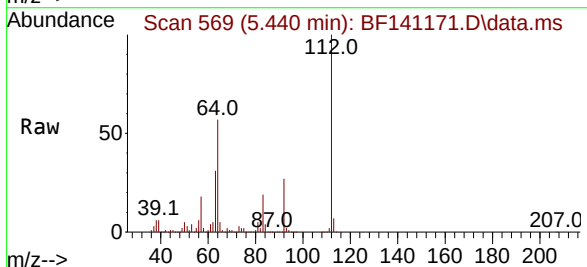
Instrument :
 BNA_F
 ClientSampleId :
 PB166061BL

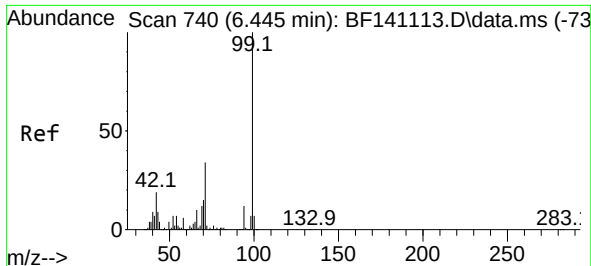
Tgt Ion:152 Resp: 139696
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.8 188.8
 115 60.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 138.151 ng
 RT: 5.440 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF141171.D
 Acq: 15 Jan 2025 13:12

Tgt Ion:112 Resp: 1249298
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.3 70.9
 63 30.6 24.2 36.2

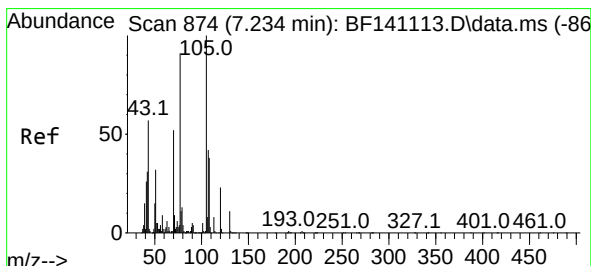
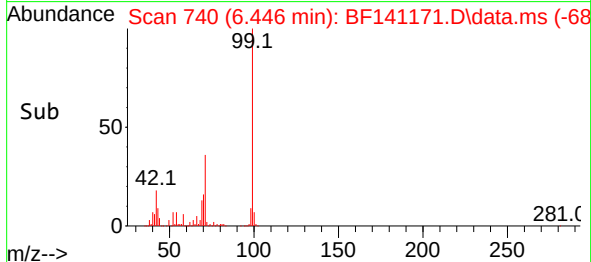
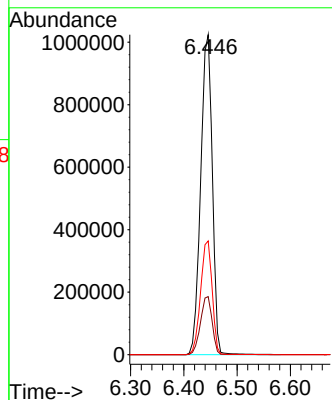
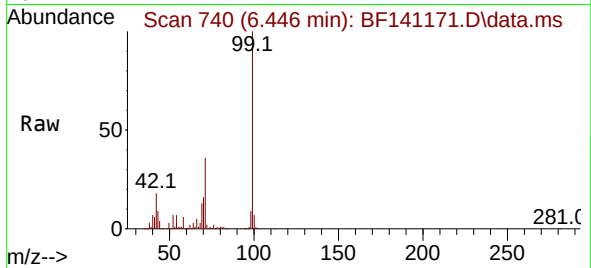




#7
Phenol-d6
Concen: 135.402 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

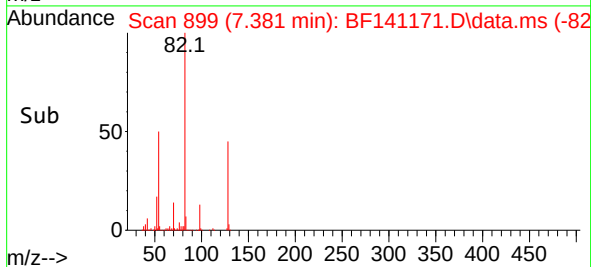
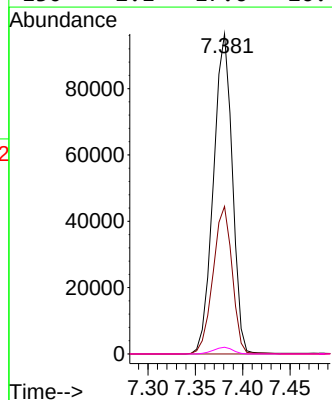
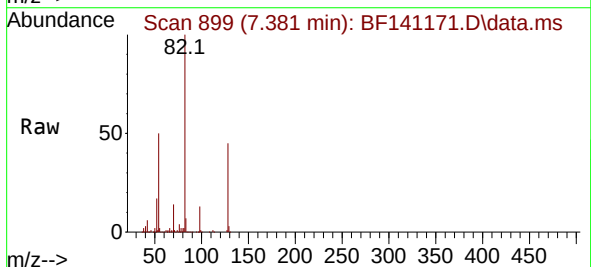
Instrument :
BNA_F
ClientSampleId :
PB166061BL

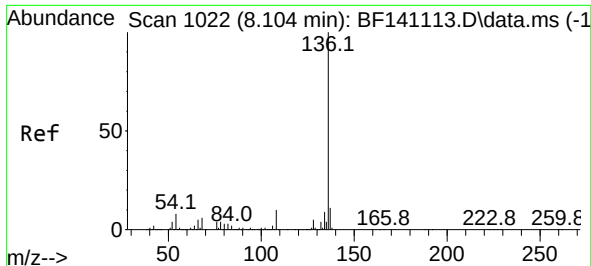
Tgt Ion: 99 Resp: 1551005
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.6 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.895 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

Tgt Ion: 70 Resp: 134244
Ion Ratio Lower Upper
70 100
42 46.1 47.8 71.6#
101 0.0 7.9 11.9#
130 2.1 17.6 26.4#



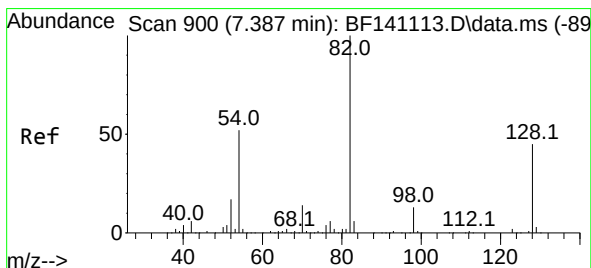
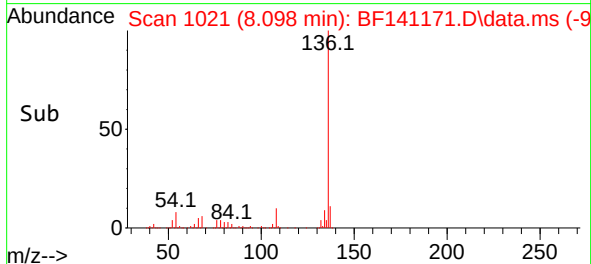
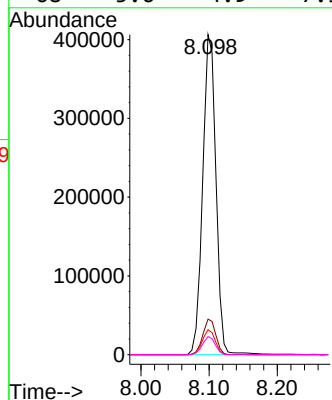
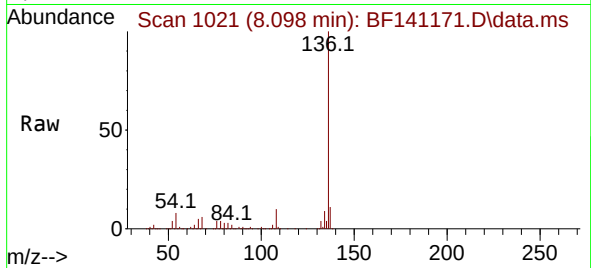


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

Instrument :
BNA_F
ClientSampleId :
PB166061BL

Tgt Ion:136 Resp: 549482

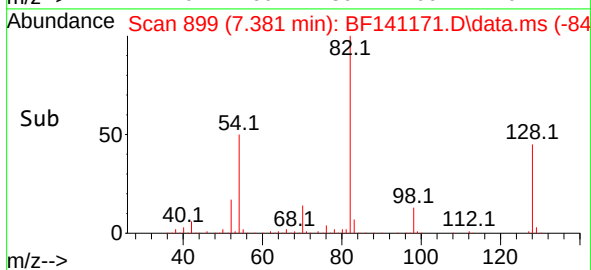
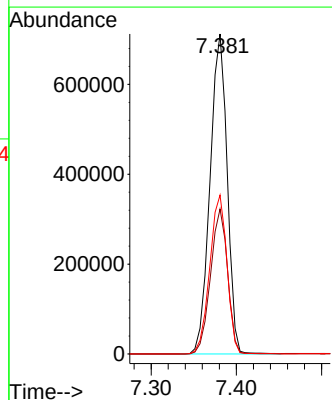
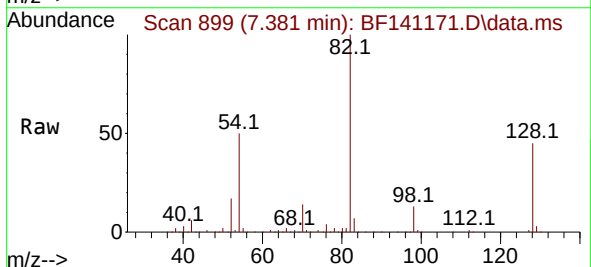
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	6.3	9.5
68	5.6	4.9	7.3

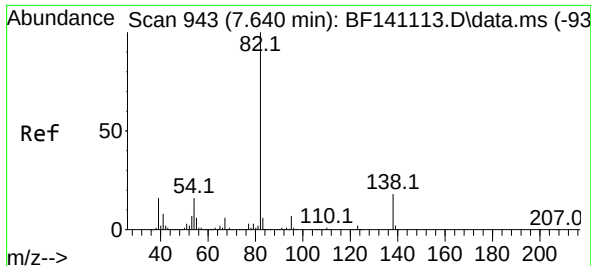


#23
Nitrobenzene-d5
Concen: 96.265 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

Tgt Ion: 82 Resp: 997879

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	49.7	41.0	61.4

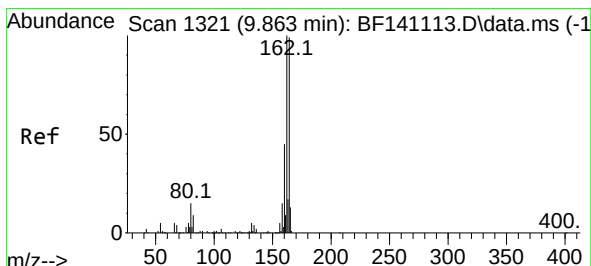
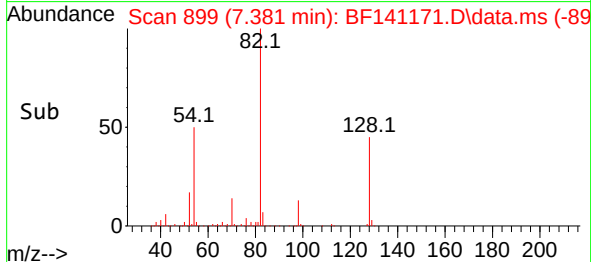
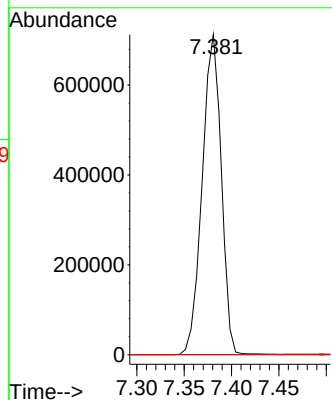
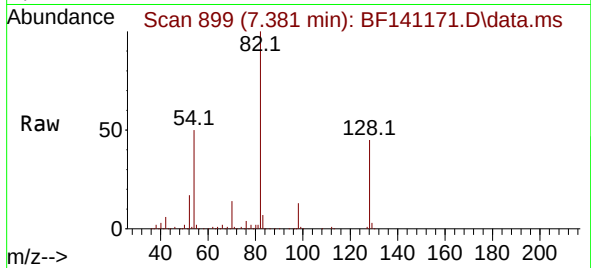




#25
Isophorone
Concen: 55.989 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

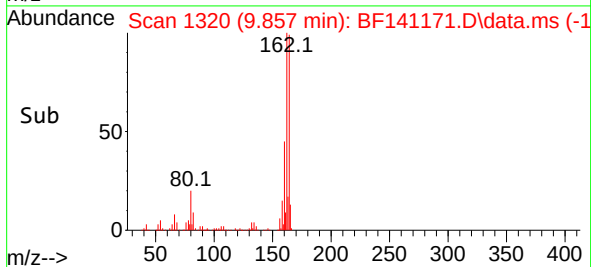
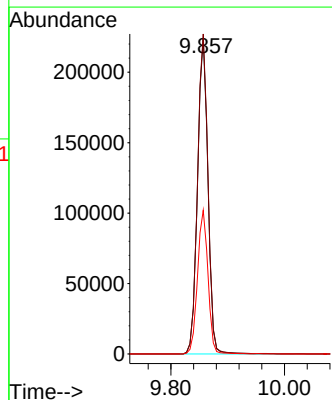
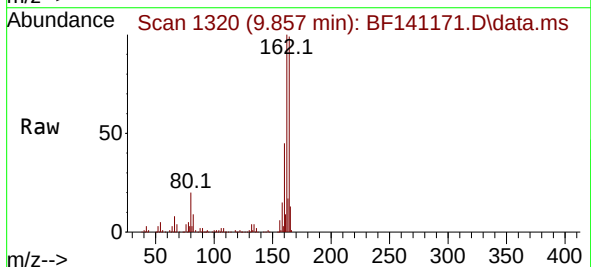
Instrument :
BNA_F
ClientSampleId :
PB166061BL

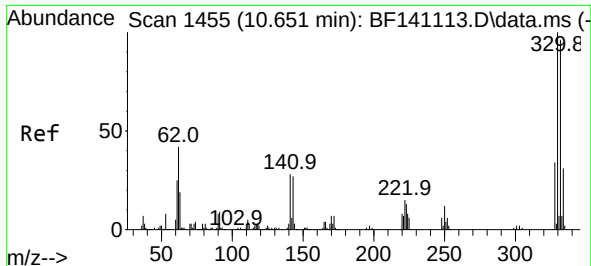
Tgt Ion: 82 Resp: 991845
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

Tgt Ion:164 Resp: 287376
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.5 36.1 54.1

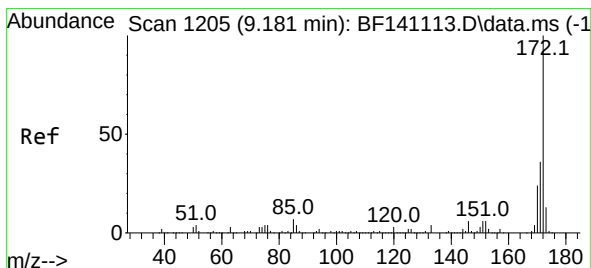
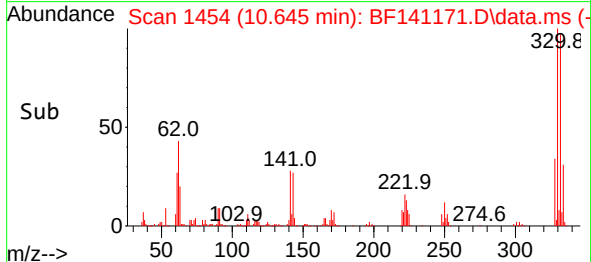
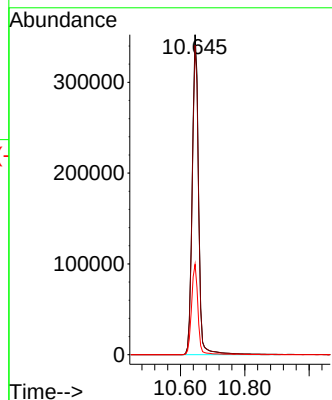
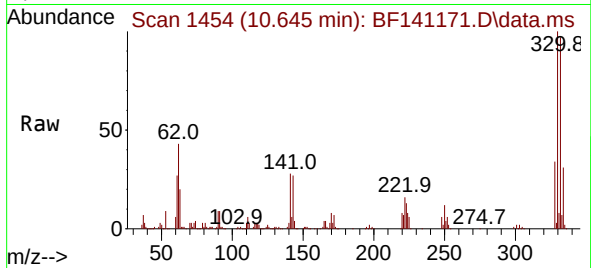




#42
2,4,6-Tribromophenol
Concen: 148.447 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

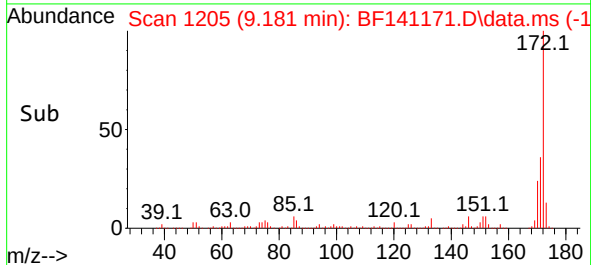
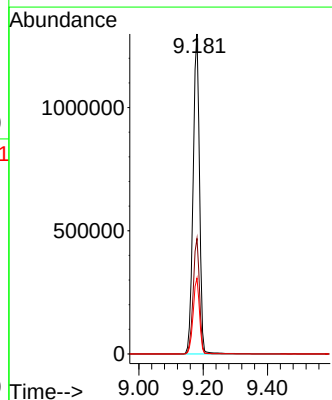
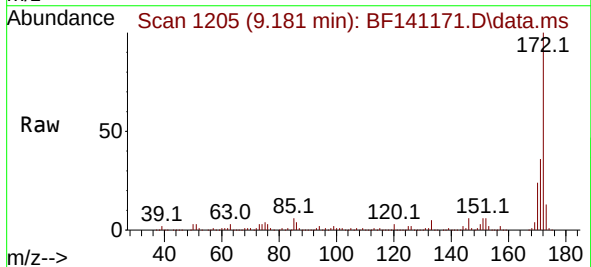
Instrument :
BNA_F
ClientSampleId :
PB166061BL

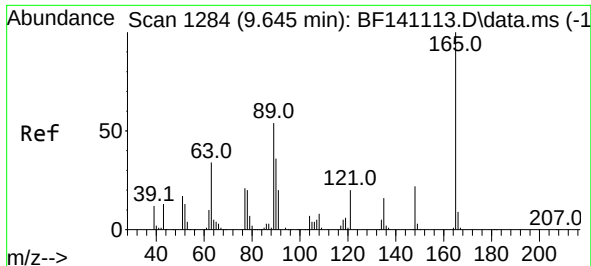
Tgt Ion:330 Resp: 486085
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 96.051 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

Tgt Ion:172 Resp: 1807597
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.7 19.0 28.6

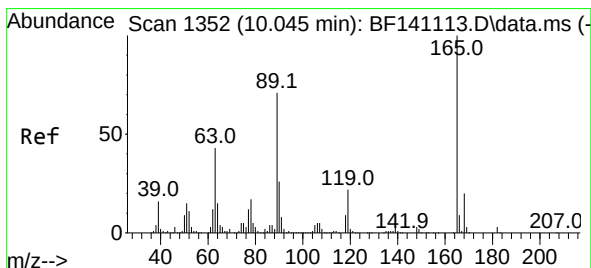
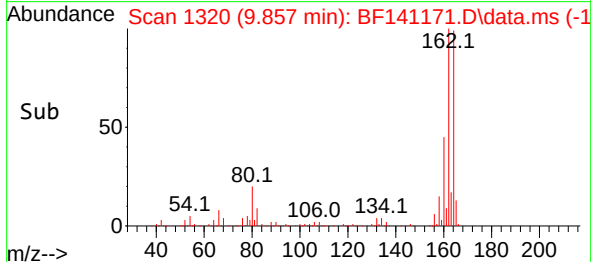
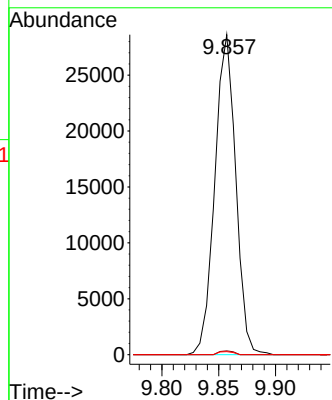
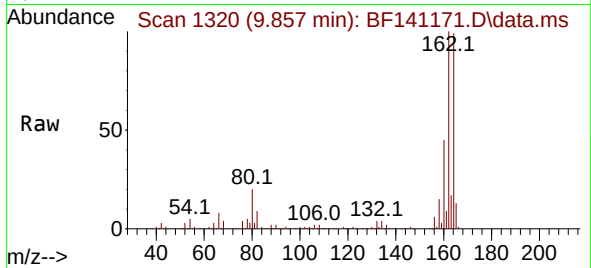




#51
2,6-Dinitrotoluene
Concen: 8.170 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

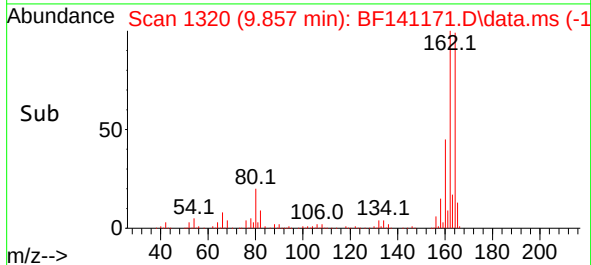
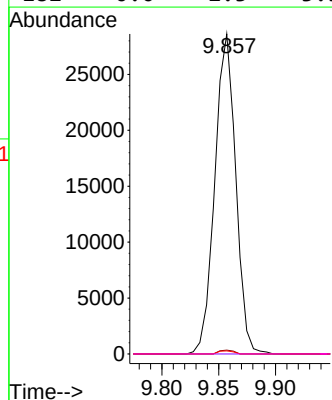
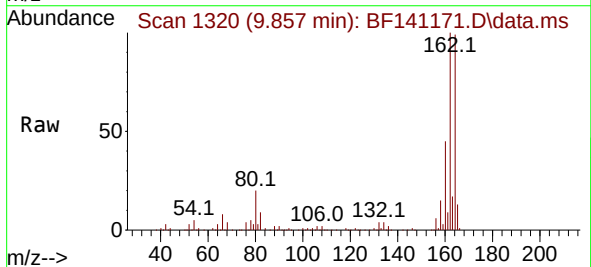
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ClientSampleId :
PB166061BL

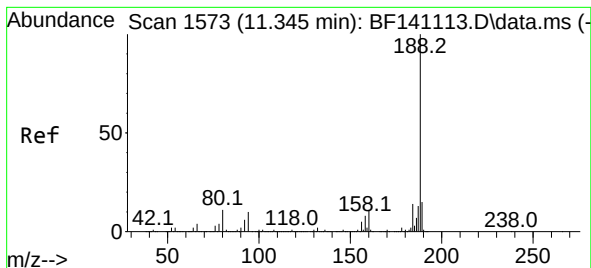
Tgt Ion:165 Resp: 36653
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.0 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141171.D
Acq: 15 Jan 2025 13:12

Tgt Ion:165 Resp: 36653
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.0 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141171.D

Acq: 15 Jan 2025 13:12

Instrument :

BNA_F

ClientSampleId :

PB166061BL

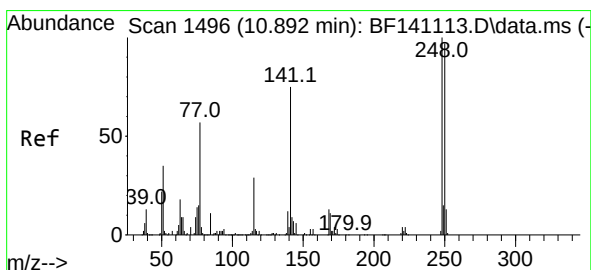
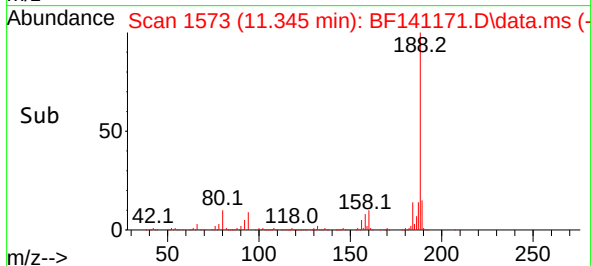
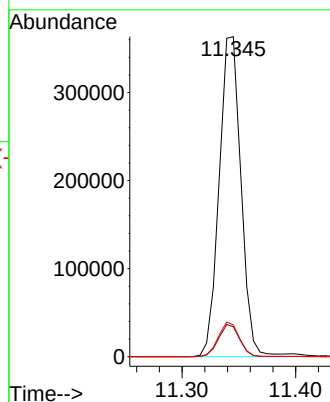
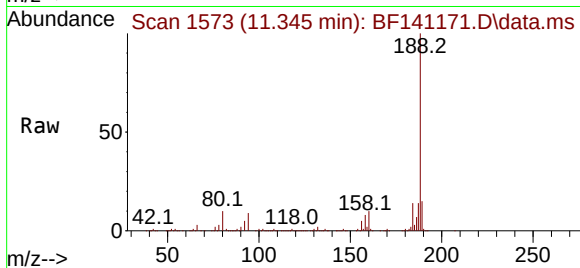
Tgt Ion:188 Resp: 484833

Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 9.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.148 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141171.D

Acq: 15 Jan 2025 13:12

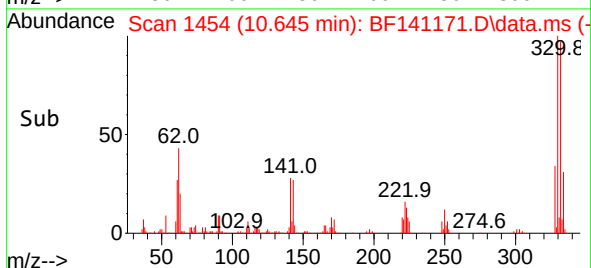
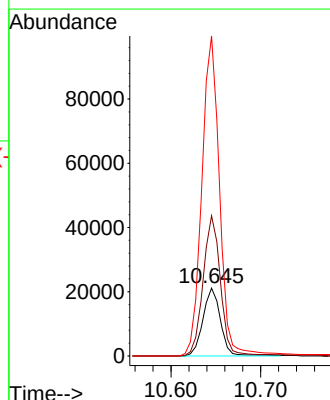
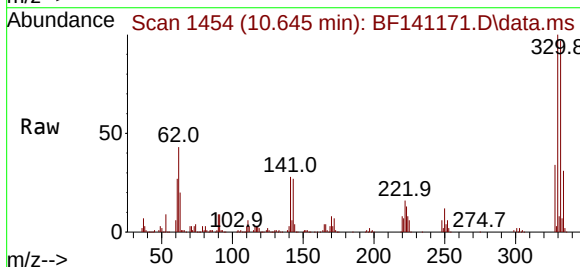
Tgt Ion:248 Resp: 28736

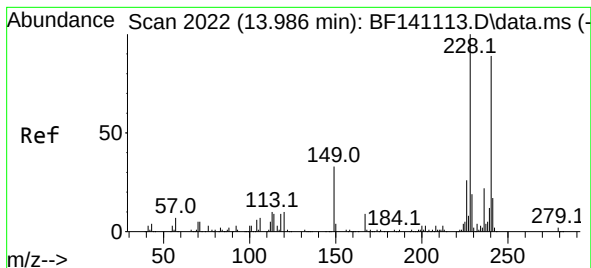
Ion Ratio Lower Upper

248 100

250 206.5 77.9 116.9#

141 471.4 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: BF141171.D

Acq: 15 Jan 2025 13:12

Instrument :

BNA_F

ClientSampleId :

PB166061BL

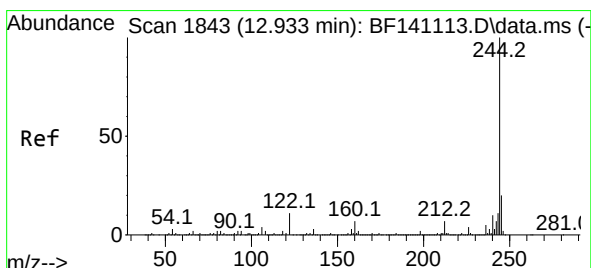
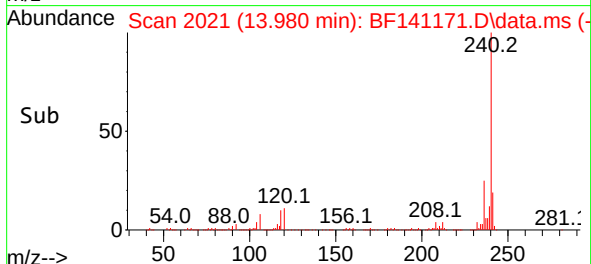
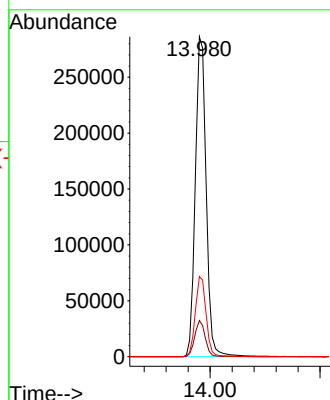
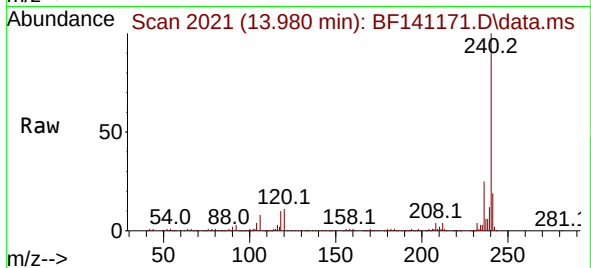
Tgt Ion:240 Resp: 391933

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

236 25.0 19.8 29.6



#79

Terphenyl-d14

Concen: 82.007 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141171.D

Acq: 15 Jan 2025 13:12

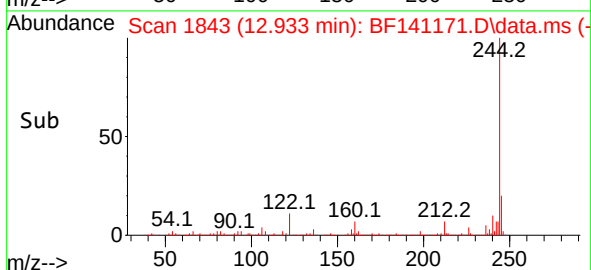
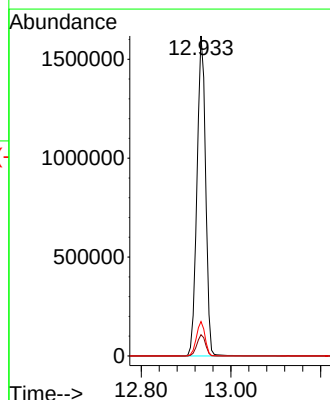
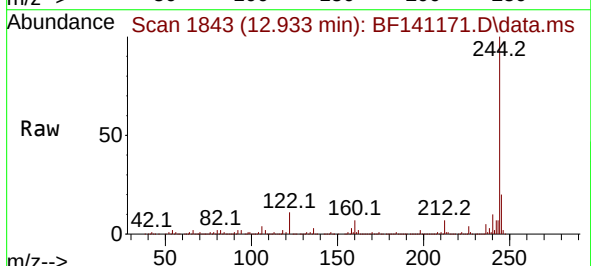
Tgt Ion:244 Resp: 2162494

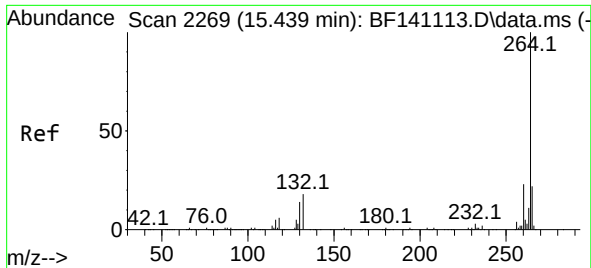
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF141171.D
 Acq: 15 Jan 2025 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB166061BL

Tgt Ion:264 Resp: 312524
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.3 17.4 26.0

