

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141096.D
 Acq On : 08 Jan 2025 20:41
 Operator : RC/JU
 Sample : Q1029-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-01072025

Quant Time: Jan 09 00:05:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

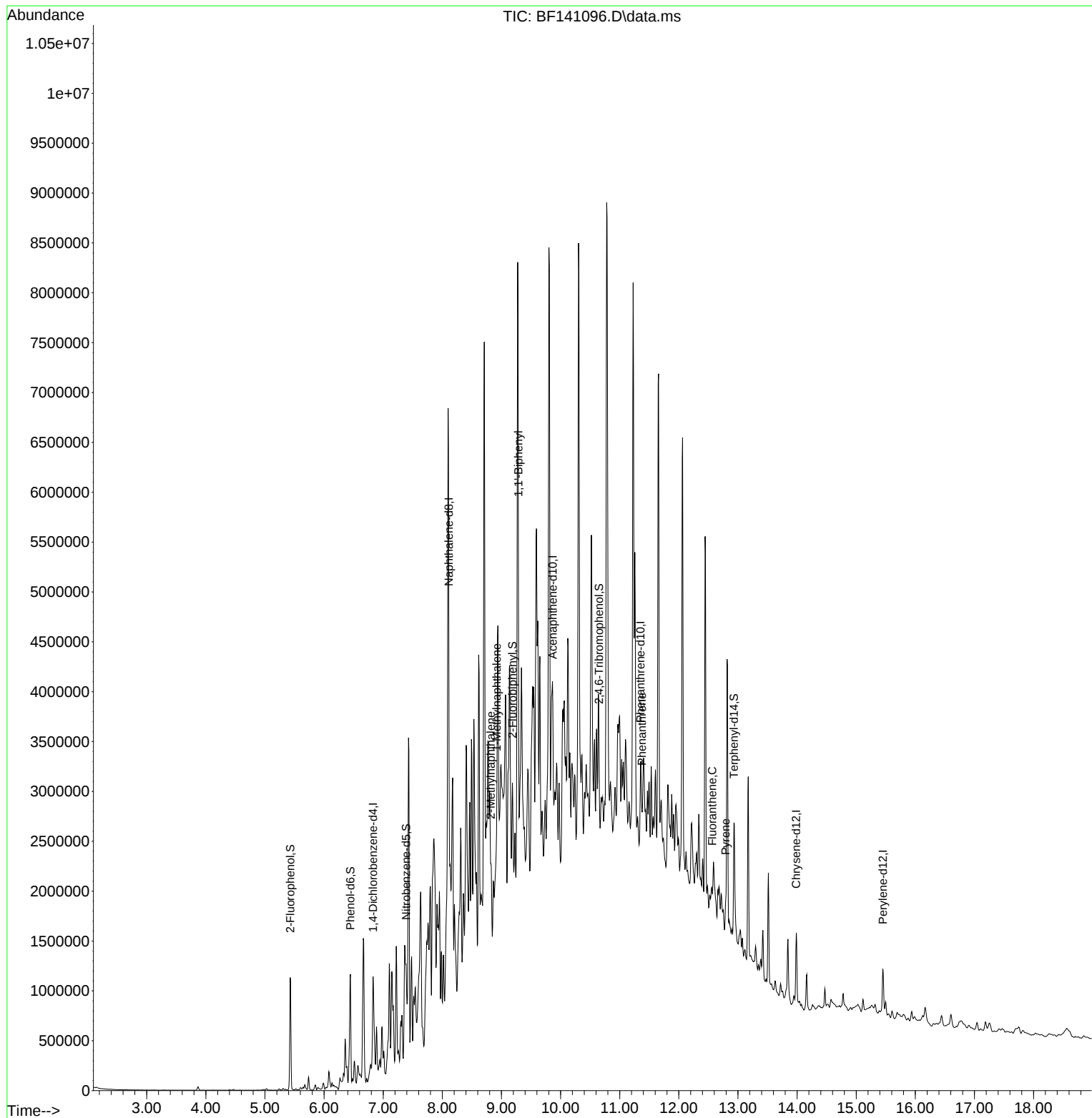
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	181930	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	558097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	256011	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	411258	20.000	ng	0.00
76) Chrysene-d12	13.986	240	334505	20.000	ng	0.00
86) Perylene-d12	15.451	264	272910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	426113	35.306	ng	0.00
7) Phenol-d6	6.445	99	498792	32.081	ng	0.00
23) Nitrobenzene-d5	7.386	82	310722	35.620	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	90287	36.294	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	438396	27.283	ng	0.00
79) Terphenyl-d14	12.933	244	498336	24.745	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.822	142	229243	12.185	ng	99
38) 1-Methylnaphthalene	8.922	142	142895	7.728	ng	93
46) 1,1'-Biphenyl	9.286	154	80319	4.097	ng	99
71) Phenanthrene	11.374	178	82908	3.830	ng	# 82
75) Fluoranthene	12.563	202	72308	3.080	ng	92
78) Pyrene	12.792	202	98979	3.383	ng	96

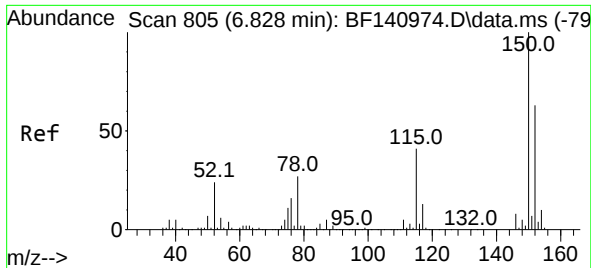
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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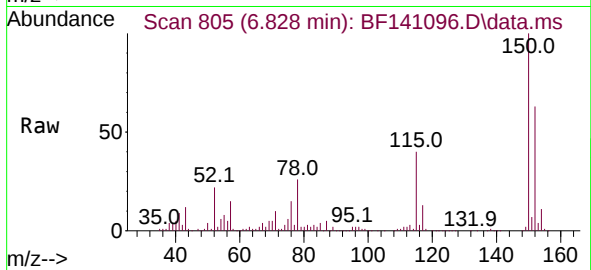
Quant Time: Jan 09 00:05:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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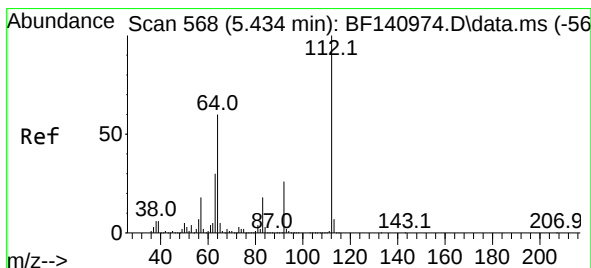
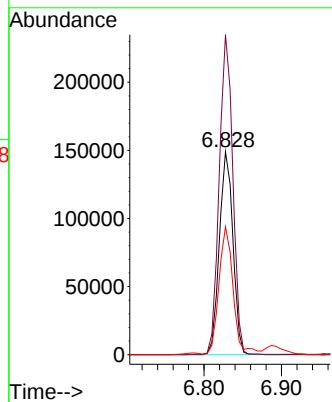
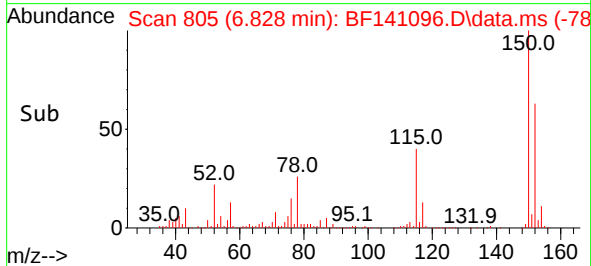


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

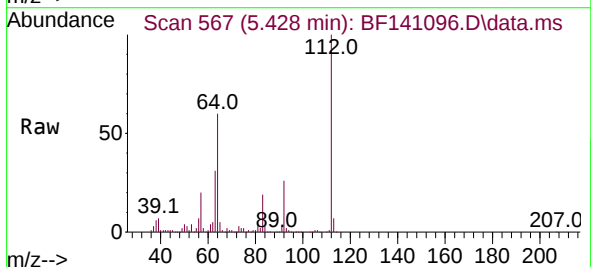
Instrument :
BNA_F
ClientSampleId :
HR-01-01072025



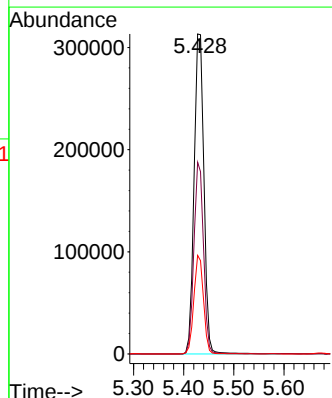
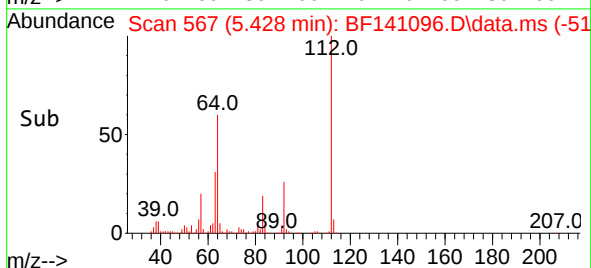
Tgt Ion:152 Resp: 181930
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 63.0 51.7 77.5



#5
2-Fluorophenol
Concen: 35.306 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41



Tgt Ion:112 Resp: 426113
Ion Ratio Lower Upper
112 100
64 59.9 47.7 71.5
63 30.8 24.2 36.2

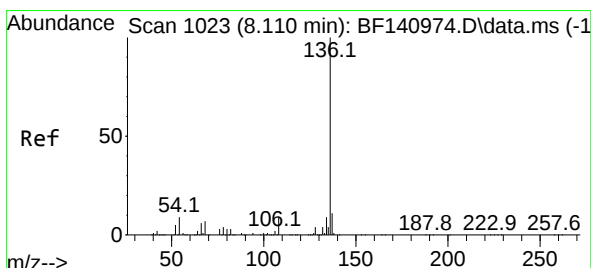
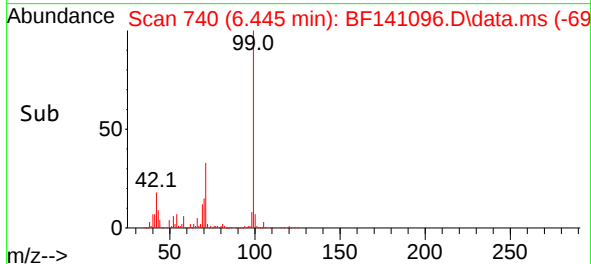
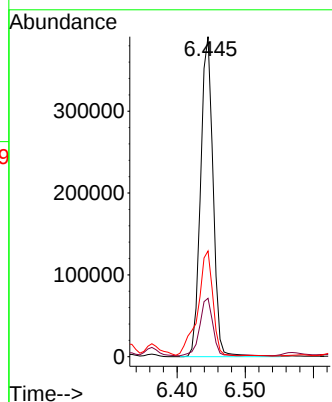
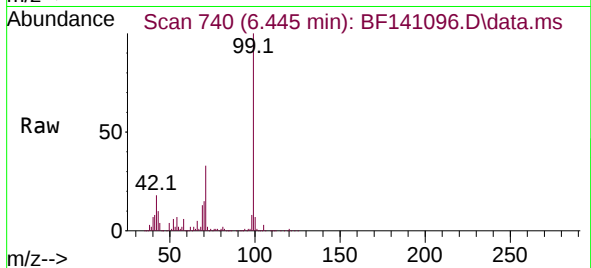




#7
Phenol-d6
Concen: 32.081 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

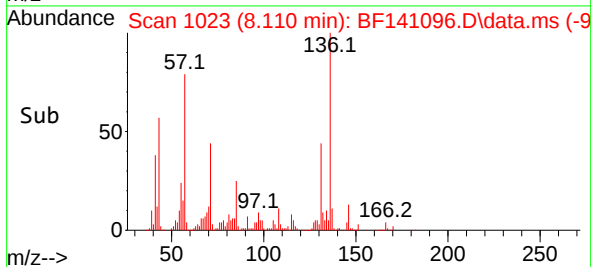
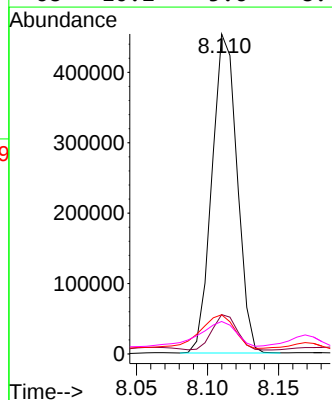
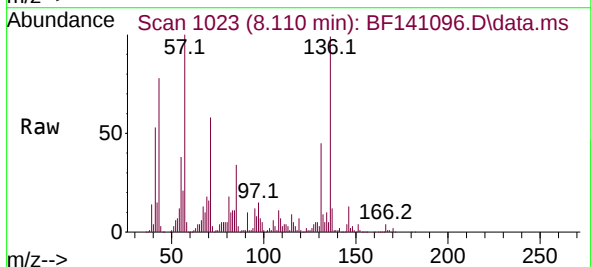
Instrument :
BNA_F
ClientSampleId :
HR-01-01072025

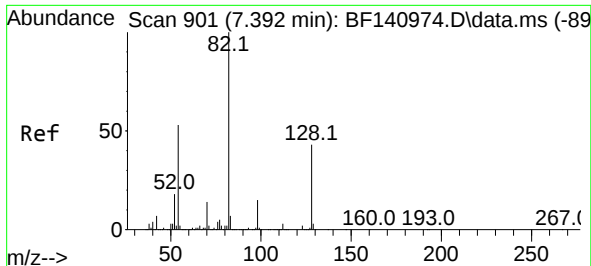
Tgt Ion: 99 Resp: 498792
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 33.1 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

Tgt Ion: 136 Resp: 558097
Ion Ratio Lower Upper
136 100
137 12.3 9.0 13.4
54 12.2 7.6 11.4#
68 10.2 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 35.620 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141096.D

Acq: 08 Jan 2025 20:41

Instrument :

BNA_F

ClientSampleId :

HR-01-01072025

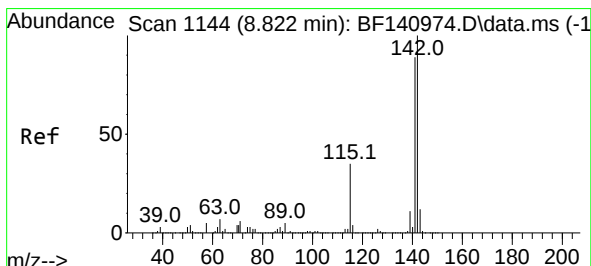
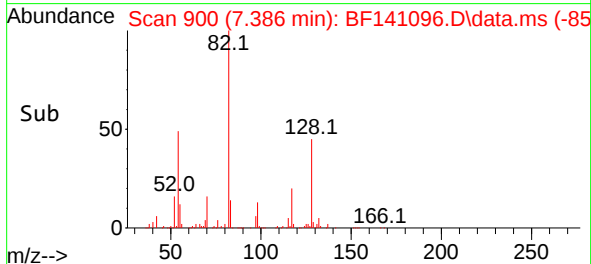
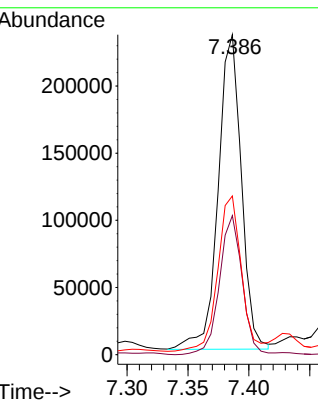
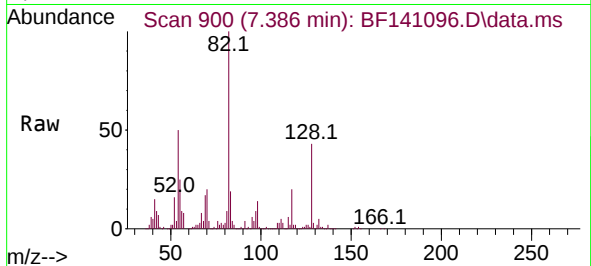
Tgt Ion: 82 Resp: 310722

Ion Ratio Lower Upper

82 100

128 43.4 34.4 51.6

54 49.6 42.4 63.6



#37

2-Methylnaphthalene

Concen: 12.185 ng

RT: 8.822 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF141096.D

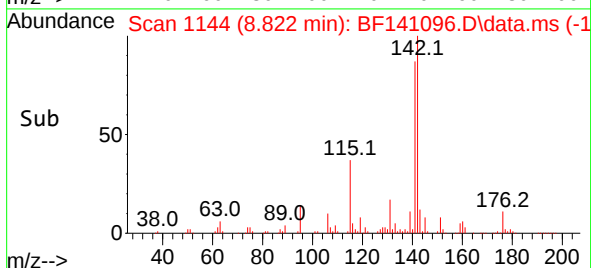
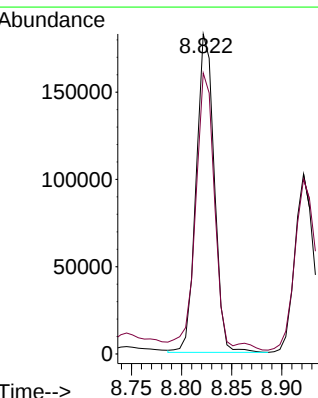
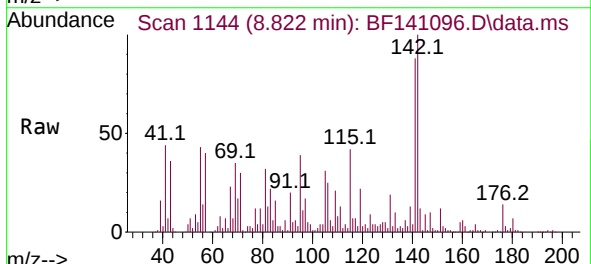
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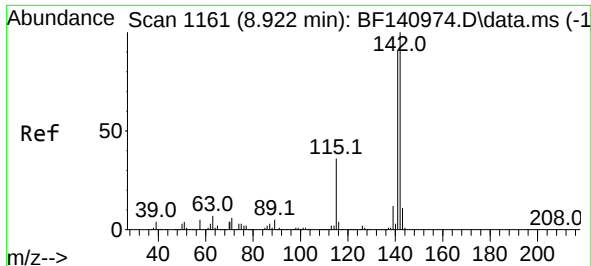
Tgt Ion: 142 Resp: 229243

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7

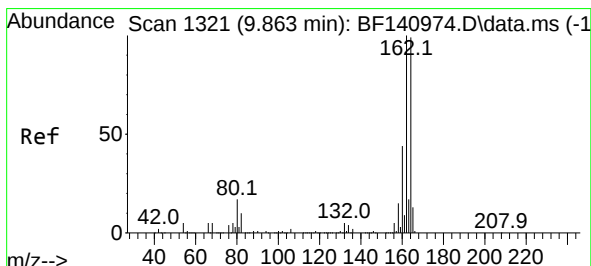
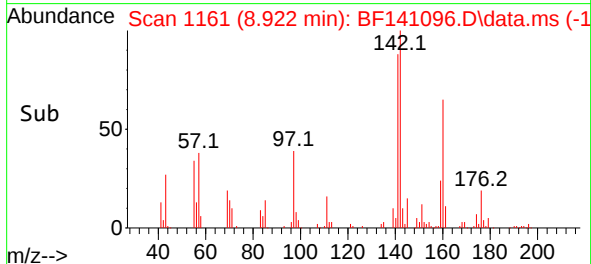
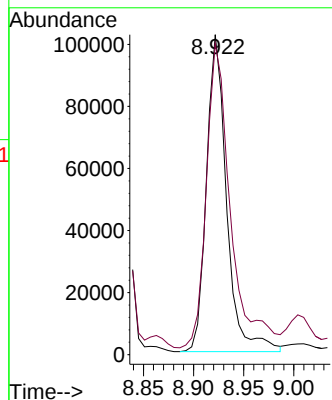
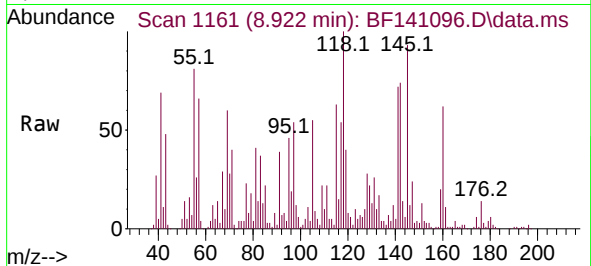




#38
1-Methylnaphthalene
Concen: 7.728 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

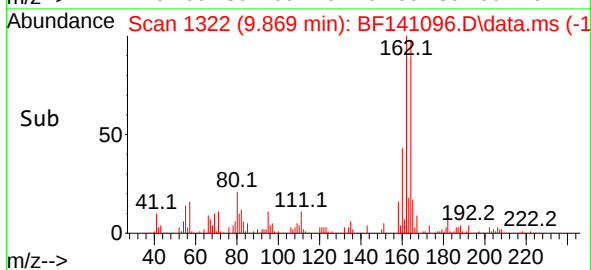
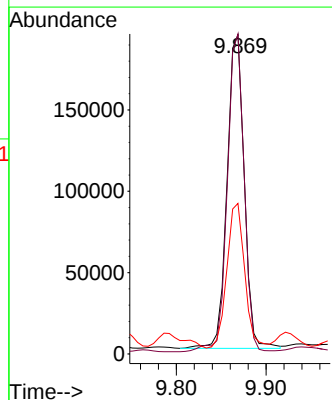
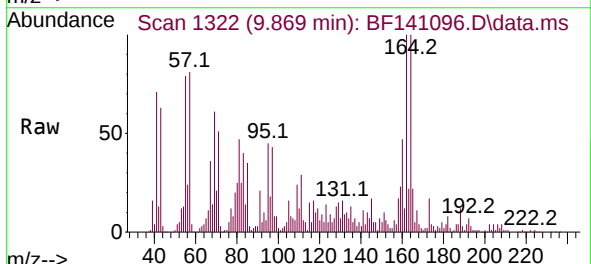
Instrument :
BNA_F
ClientSampleId :
HR-01-01072025

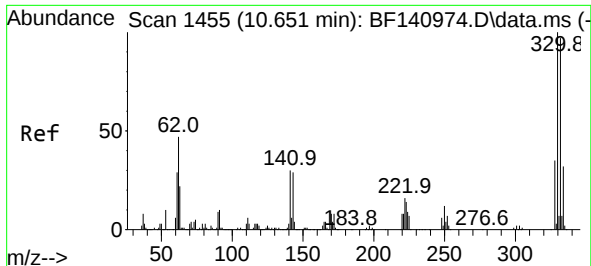
Tgt Ion:142 Resp: 142895
Ion Ratio Lower Upper
142 100
141 97.2 72.7 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

Tgt Ion:164 Resp: 256011
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 47.2 35.7 53.5

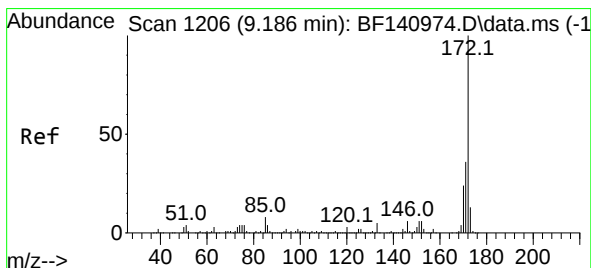
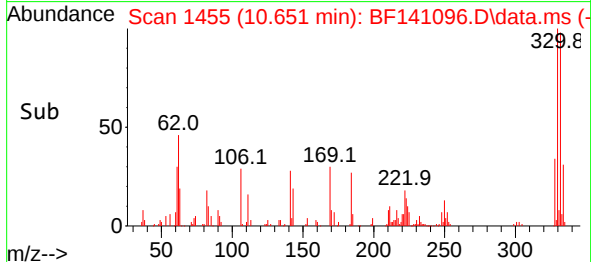
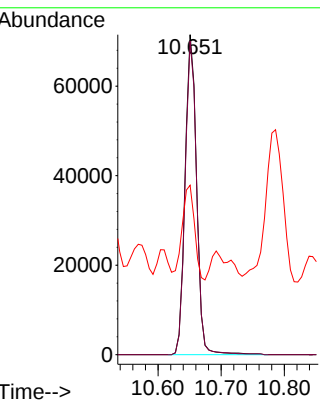
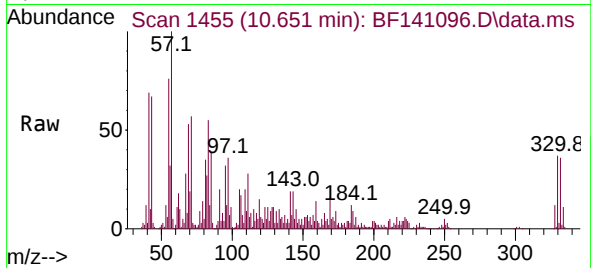




#42
2,4,6-Tribromophenol
Concen: 36.294 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

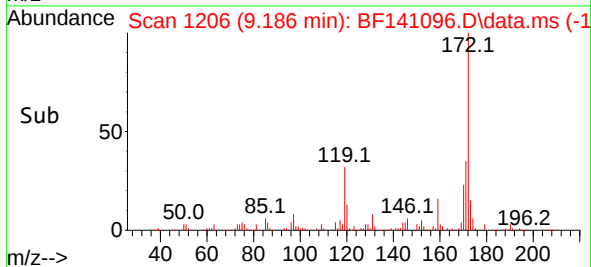
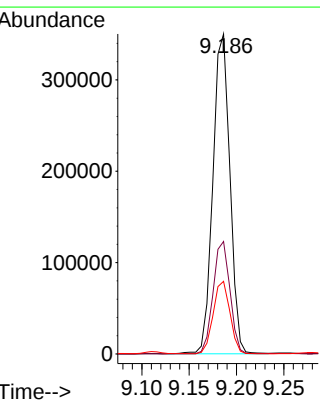
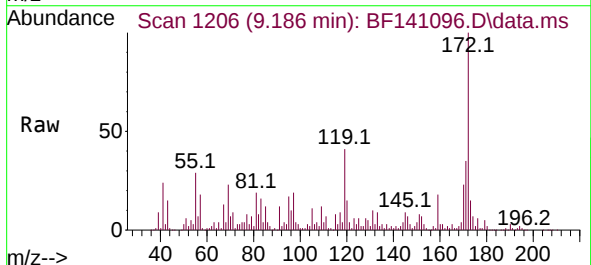
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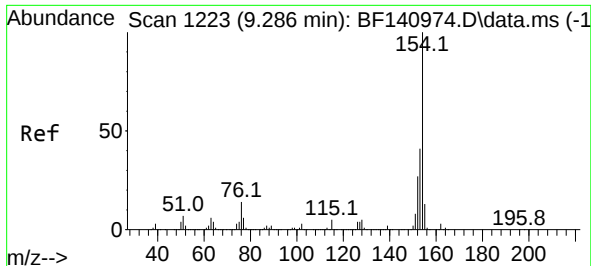
Tgt Ion:330 Resp: 90287
Ion Ratio Lower Upper
330 100
332 98.2 78.0 117.0
141 31.7 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 27.283 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

Tgt Ion:172 Resp: 438396
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 22.7 19.6 29.4

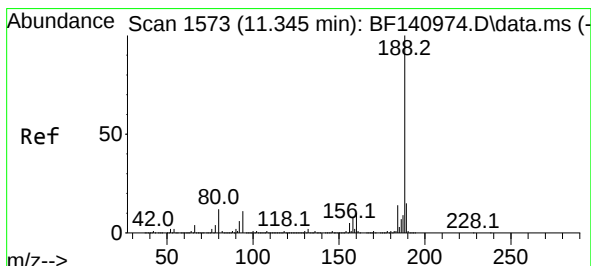
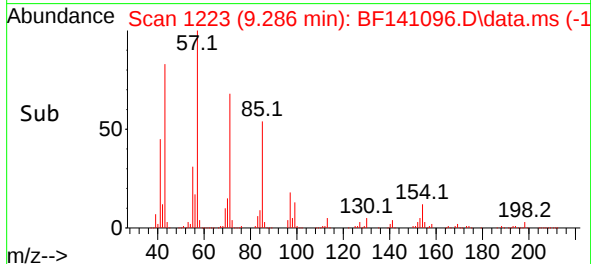
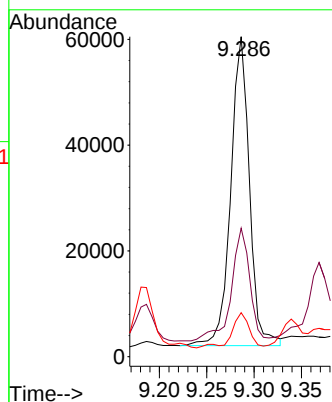
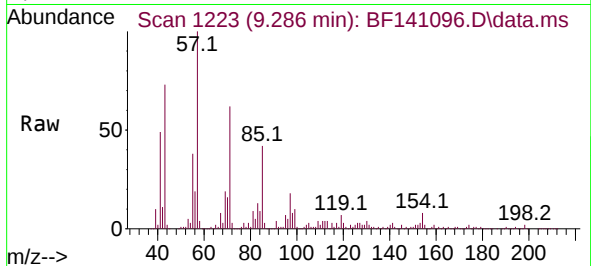




#46
1,1'-Biphenyl
Concen: 4.097 ng
RT: 9.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

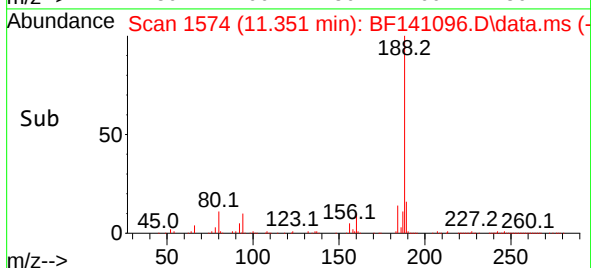
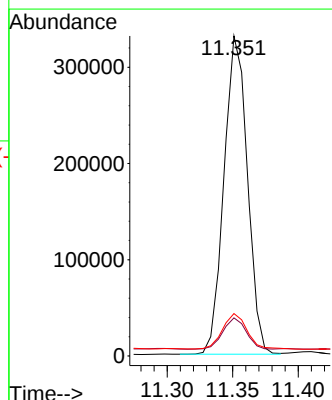
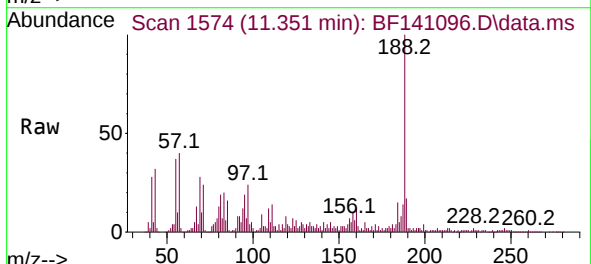
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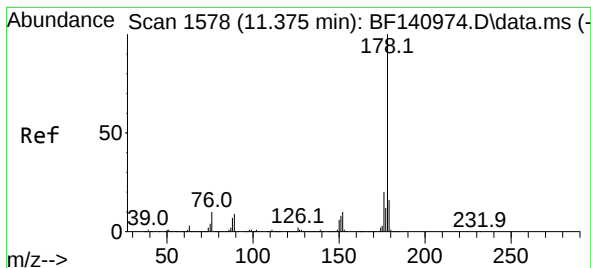
Tgt Ion:154 Resp: 80319
Ion Ratio Lower Upper
154 100
153 40.2 20.9 60.9
76 13.8 0.0 34.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141096.D
Acq: 08 Jan 2025 20:41

Tgt Ion:188 Resp: 411258
Ion Ratio Lower Upper
188 100
94 11.9 9.0 13.6
80 13.3 9.8 14.6





#71

Phenanthrene

Concen: 3.830 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141096.D

Acq: 08 Jan 2025 20:41

Instrument :

BNA_F

ClientSampleId :

HR-01-01072025

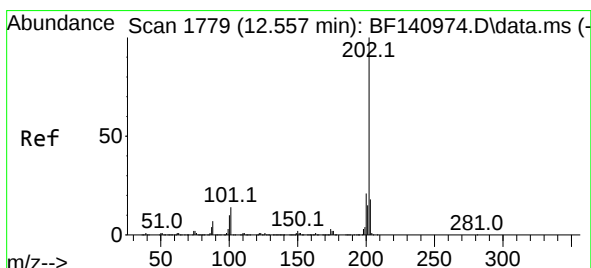
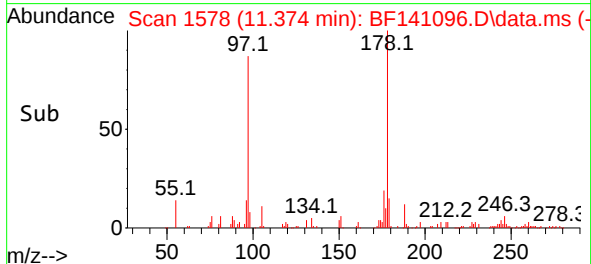
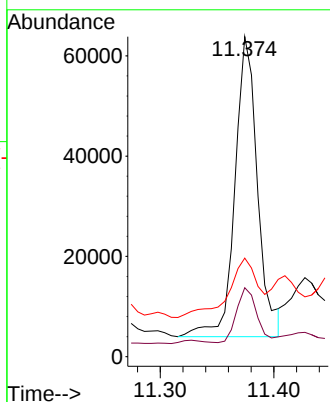
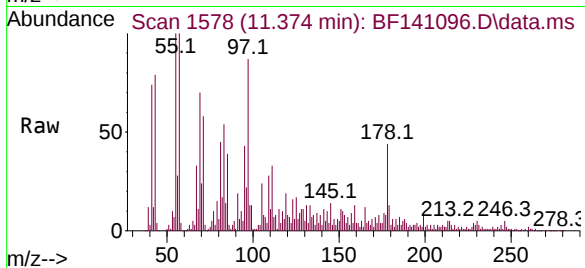
Tgt Ion:178 Resp: 82908

Ion Ratio Lower Upper

178 100

176 21.5 15.8 23.6

179 30.8 12.6 19.0#



#75

Fluoranthene

Concen: 3.080 ng

RT: 12.563 min Scan# 1780

Delta R.T. 0.006 min

Lab File: BF141096.D

Acq: 08 Jan 2025 20:41

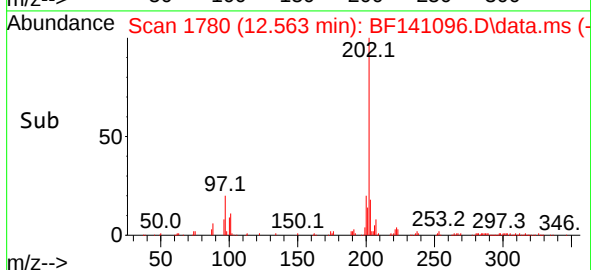
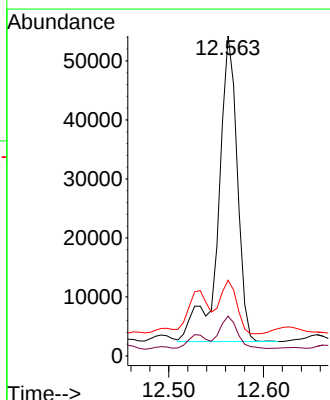
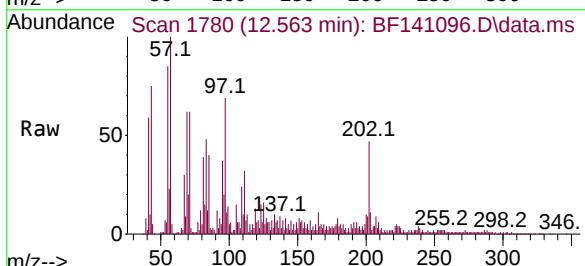
Tgt Ion:202 Resp: 72308

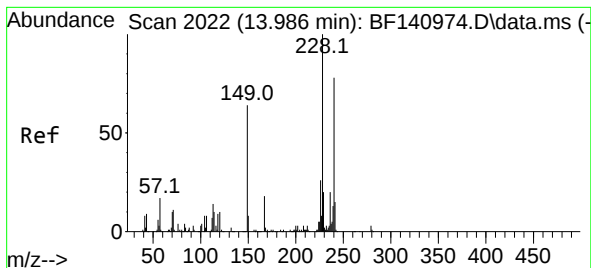
Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.7

203 23.7 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141096.D

Acq: 08 Jan 2025 20:41

Instrument :

BNA_F

ClientSampleId :

HR-01-01072025

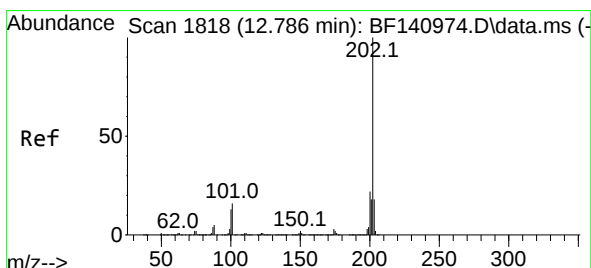
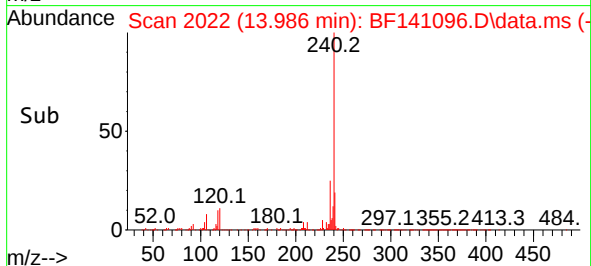
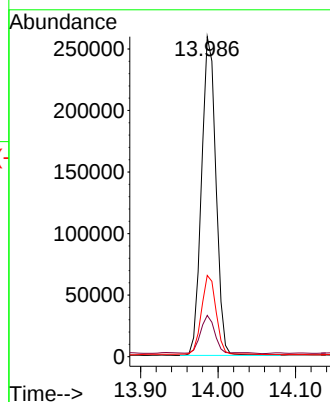
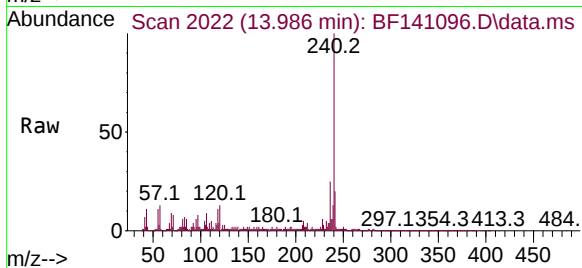
Tgt Ion:240 Resp: 334505

Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.4 20.6 31.0



#78

Pyrene

Concen: 3.383 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141096.D

Acq: 08 Jan 2025 20:41

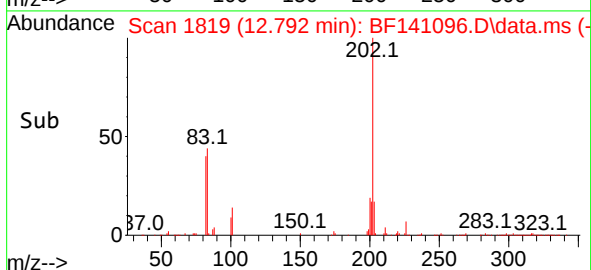
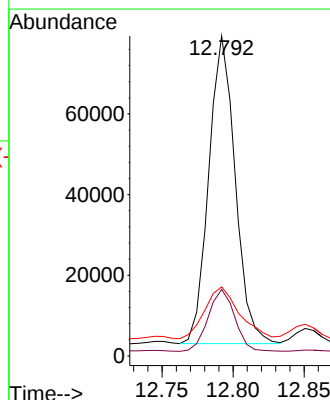
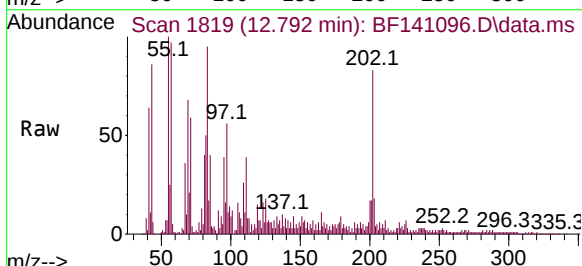
Tgt Ion:202 Resp: 98979

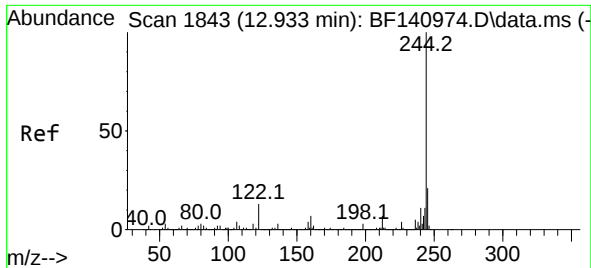
Ion Ratio Lower Upper

202 100

200 20.8 17.3 25.9

203 21.6 14.6 21.8

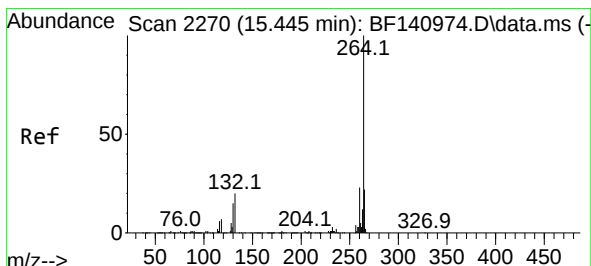
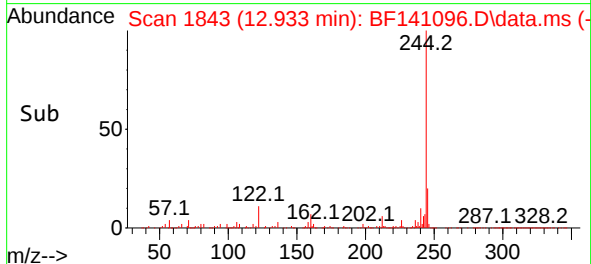
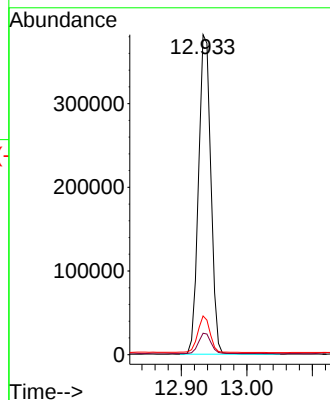
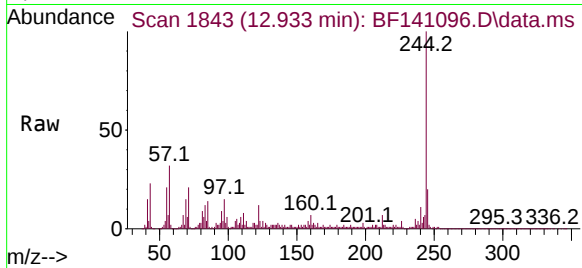




#79
 Terphenyl-d14
 Concen: 24.745 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141096.D
 Acq: 08 Jan 2025 20:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-01072025

Tgt Ion:244 Resp: 498336
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.1 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF141096.D
 Acq: 08 Jan 2025 20:41

Tgt Ion:264 Resp: 272910
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.2 17.4 26.2

