

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143976.D
 Acq On : 16 Oct 2025 13:14
 Operator : RC/JU
 Sample : PB170122BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170122BL

Quant Time: Oct 16 14:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

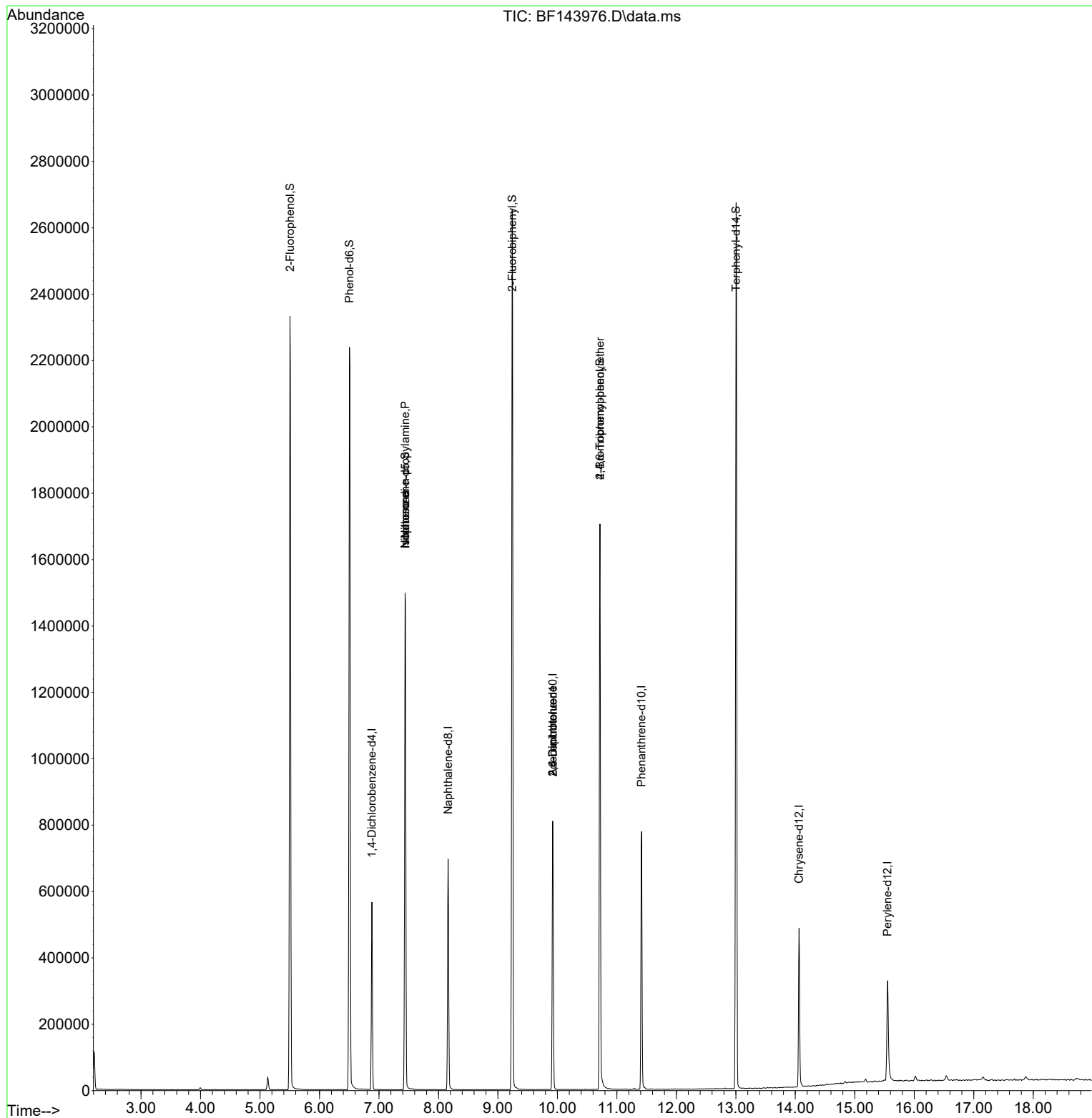
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114882	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	446689	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	250092	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	435272	20.00	ng	0.00
76) Chrysene-d12	14.063	240	248454	20.00	ng	0.00
86) Perylene-d12	15.551	264	217130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	934966	129.24	ng	0.00
7) Phenol-d6	6.504	99	1103013	127.91	ng	-0.01
23) Nitrobenzene-d5	7.439	82	712415	96.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	348268	139.81	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1327895	84.25	ng	-0.01
79) Terphenyl-d14	13.004	244	1493866	102.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	104168	17.65	ng	# 76
25) Isophorone	7.439	82	621757	40.11	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	31146	10.58	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	31146	7.77	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	20879	4.34	ng	# 1

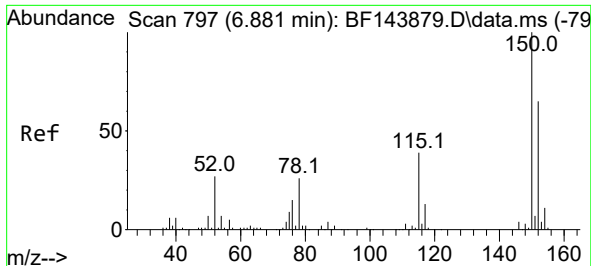
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
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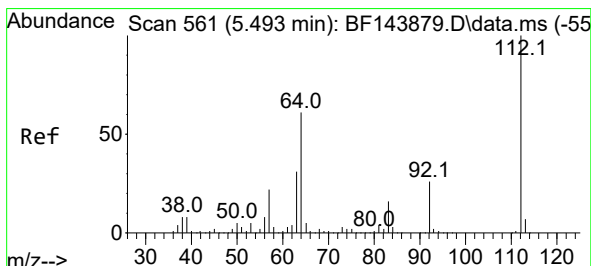
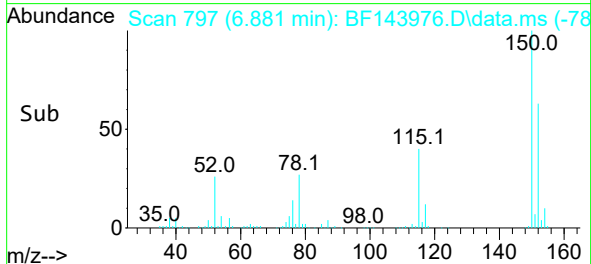
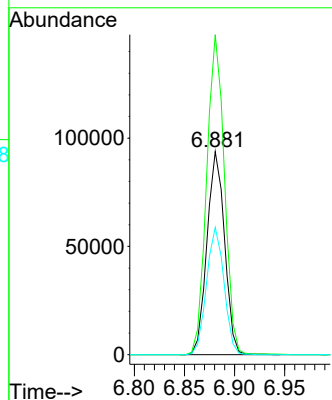
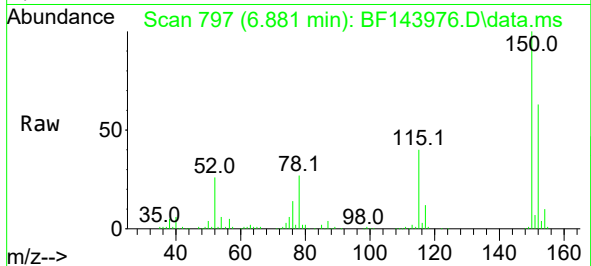




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143976.D
 Acq: 16 Oct 2025 13:14

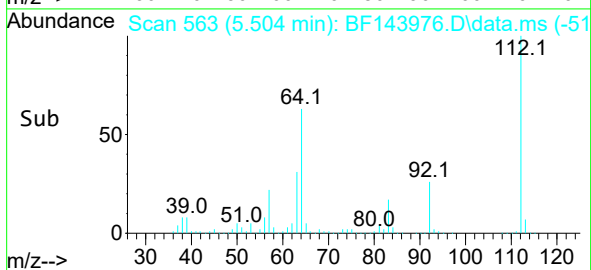
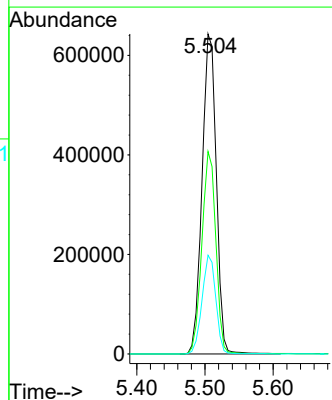
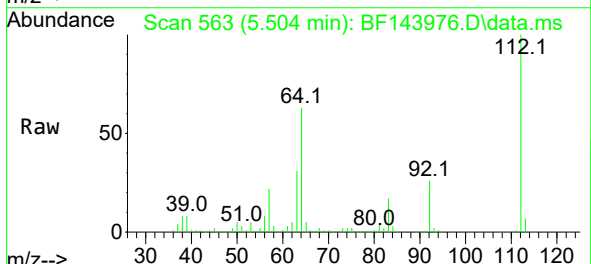
Instrument :
 BNA_F
 ClientSampleId :
 PB170122BL

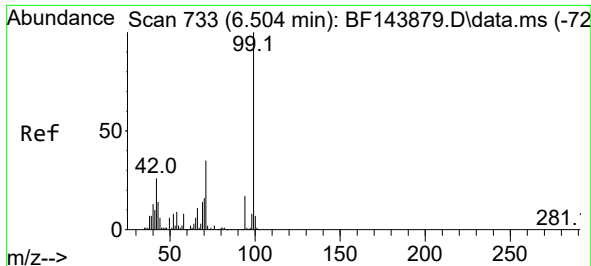
Tgt Ion:152 Resp: 114882
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.4 186.6
 115 62.6 48.1 72.1



#5
 2-Fluorophenol
 Concen: 129.24 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF143976.D
 Acq: 16 Oct 2025 13:14

Tgt Ion:112 Resp: 934966
 Ion Ratio Lower Upper
 112 100
 64 63.3 49.1 73.7
 63 30.9 24.5 36.7

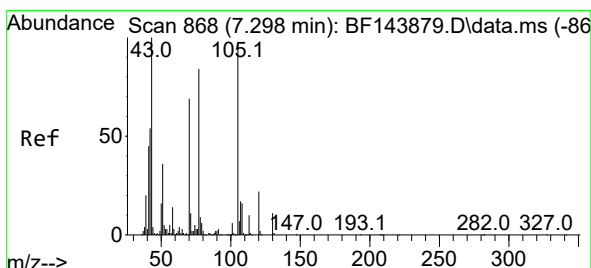
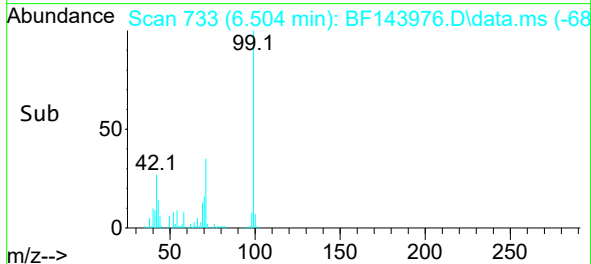
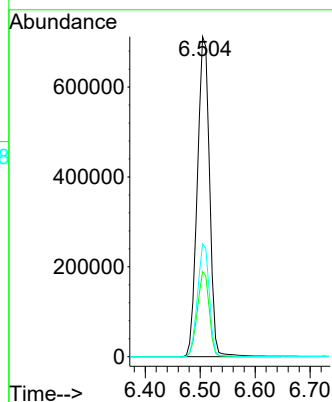
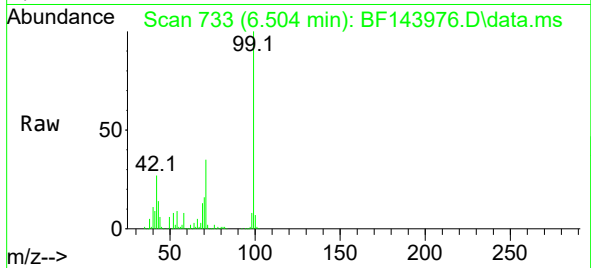




#7
Phenol-d6
Concen: 127.91 ng
RT: 6.504 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

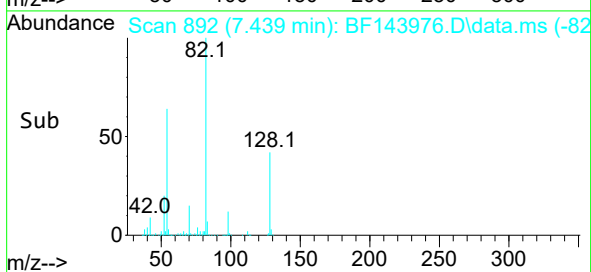
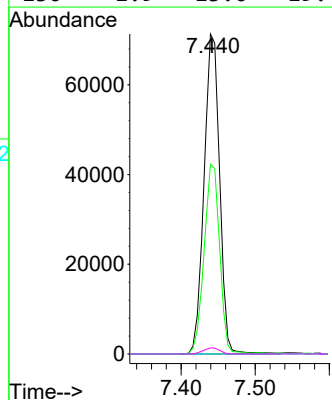
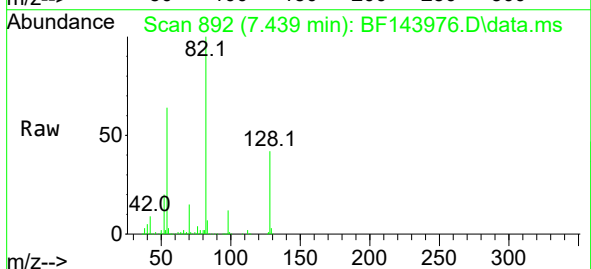
Instrument :
BNA_F
ClientSampleId :
PB170122BL

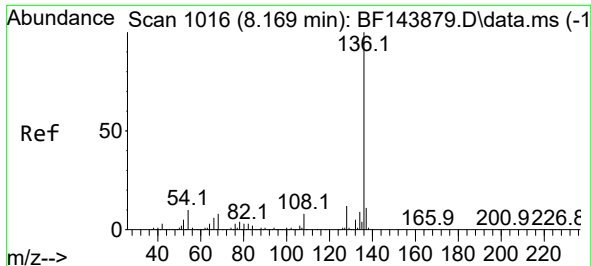
Tgt Ion: 99 Resp: 1103013
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 35.3 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.65 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion: 70 Resp: 104168
Ion Ratio Lower Upper
70 100
42 59.3 62.8 94.2#
101 0.0 6.7 10.1#
130 1.9 13.0 19.4#

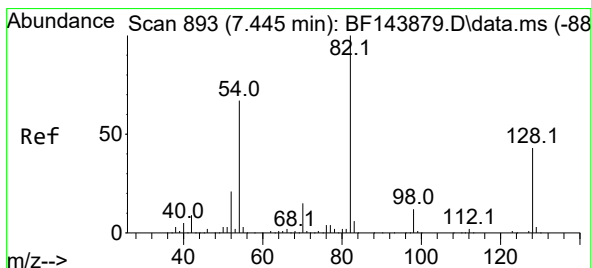
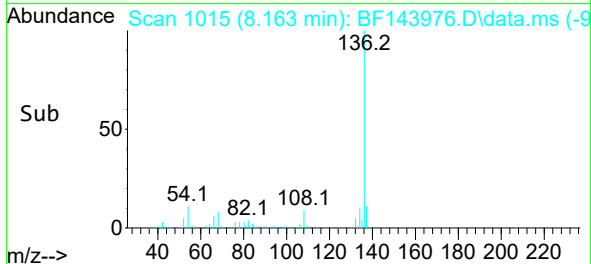
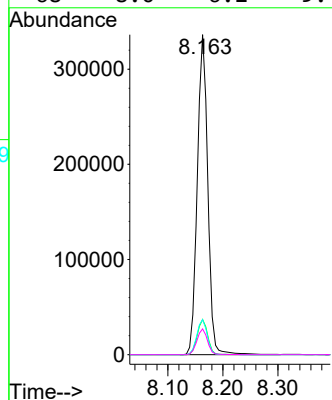
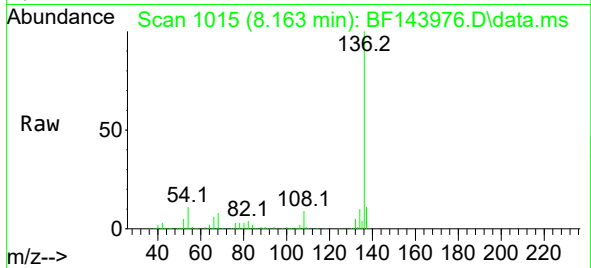




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

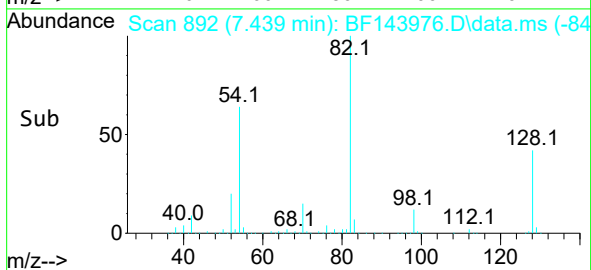
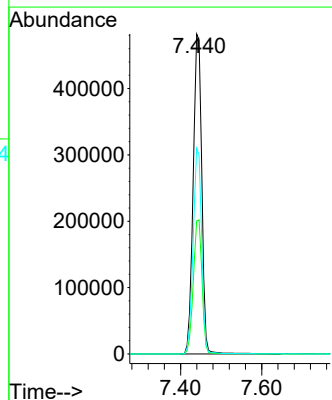
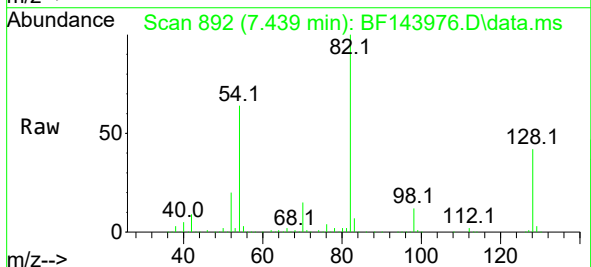
Instrument :
BNA_F
ClientSampleId :
PB170122BL

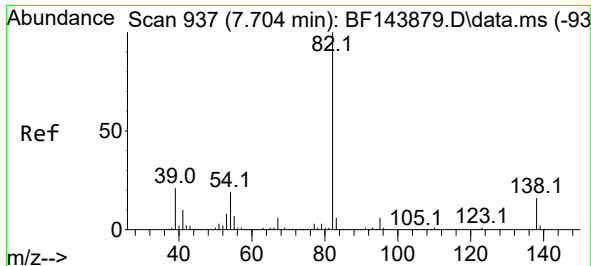
Tgt Ion:136 Resp: 446689
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 8.2 12.4
68 8.0 6.2 9.4



#23
Nitrobenzene-d5
Concen: 96.90 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion: 82 Resp: 712415
Ion Ratio Lower Upper
82 100
128 41.6 34.0 51.0
54 64.3 53.2 79.8

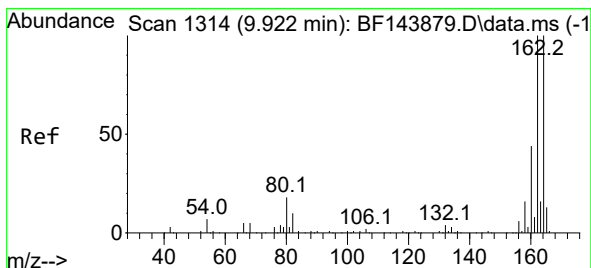
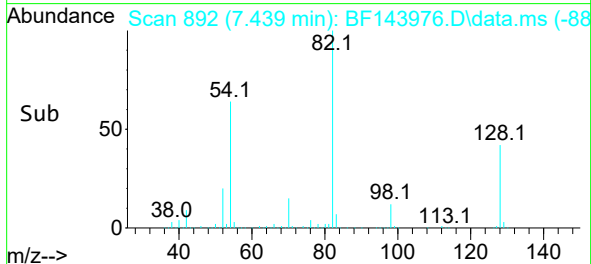
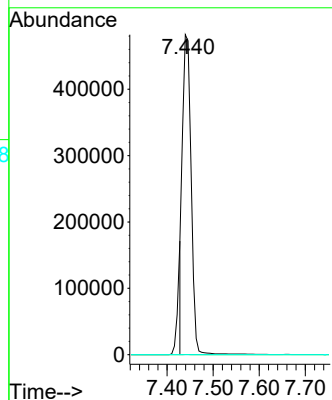
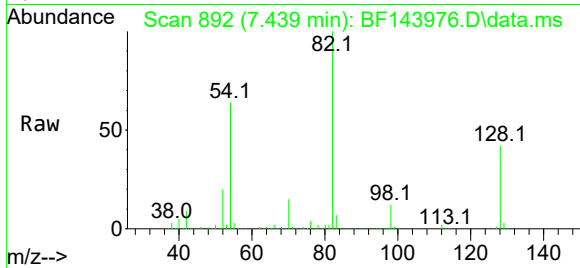




#25
Isophorone
Concen: 40.11 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.282 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

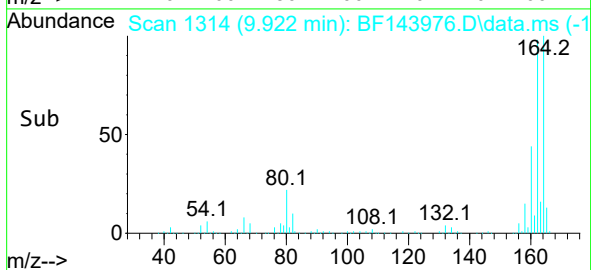
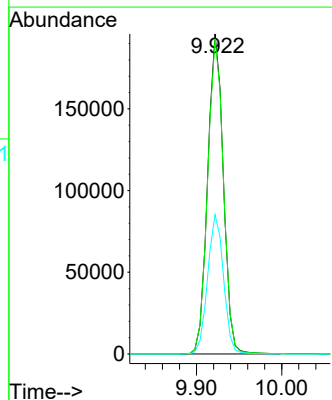
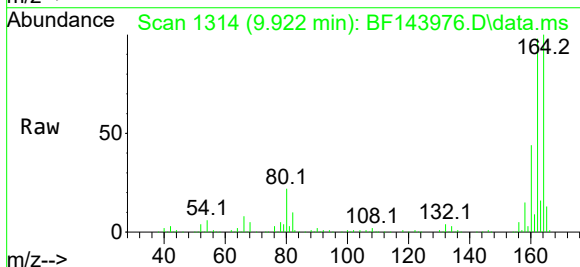
Instrument :
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ClientSampleId :
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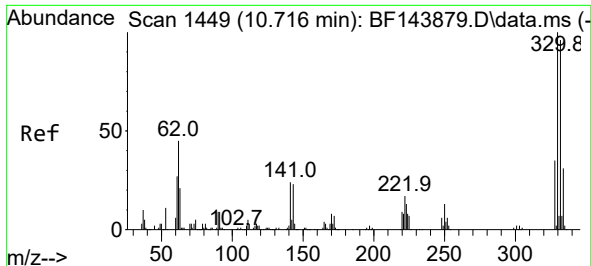
Tgt Ion: 82 Resp: 621757
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion:164 Resp: 250092
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 43.5 35.4 53.0

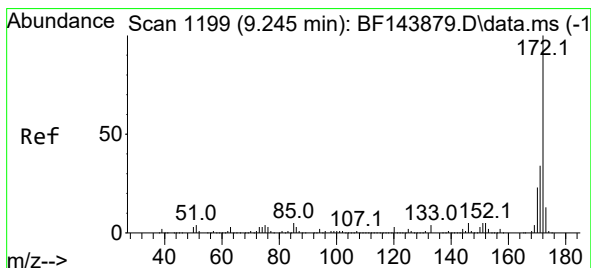
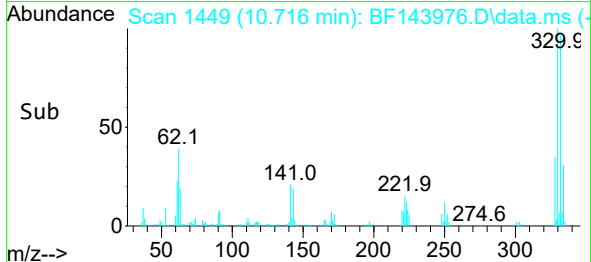
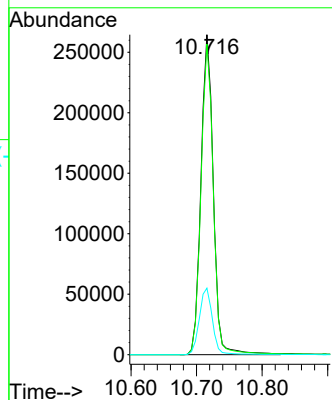
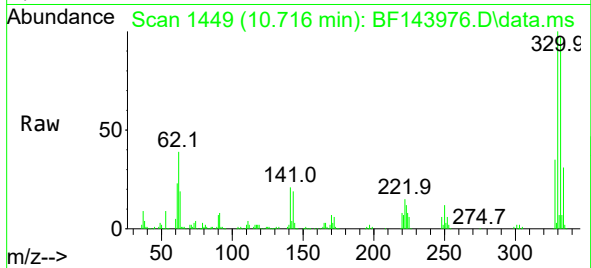




#42
2,4,6-Tribromophenol
Concen: 139.81 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

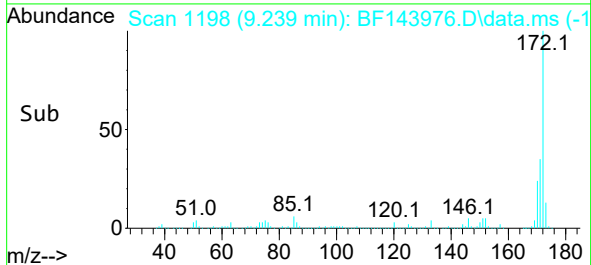
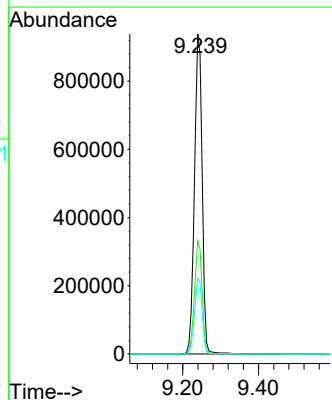
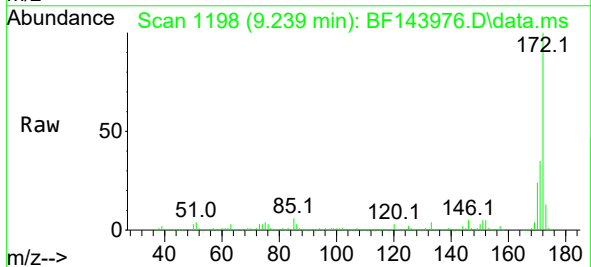
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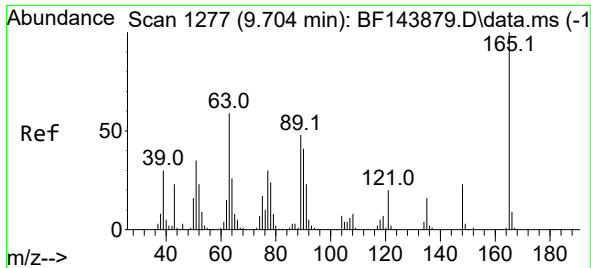
Tgt Ion: 330 Resp: 348268
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 22.1 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 84.25 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion: 172 Resp: 1327895
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.6 18.6 28.0

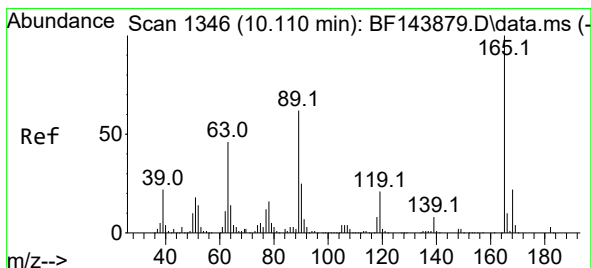
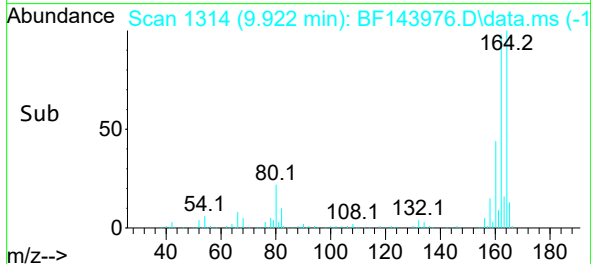
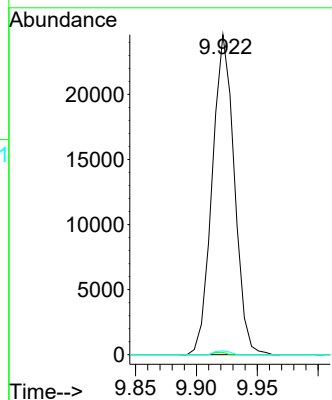
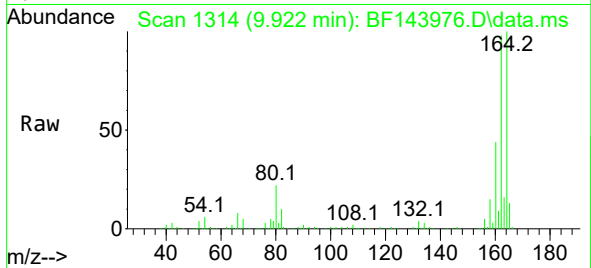




#51
2,6-Dinitrotoluene
Concen: 10.58 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

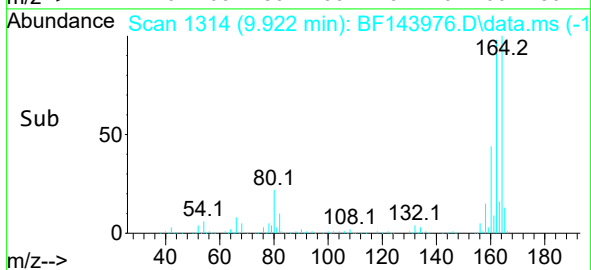
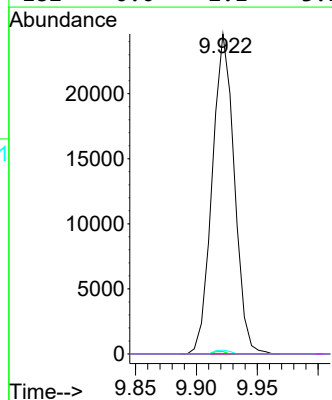
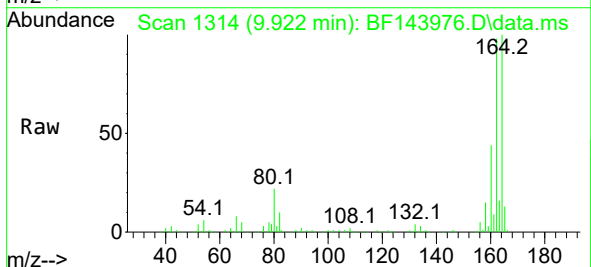
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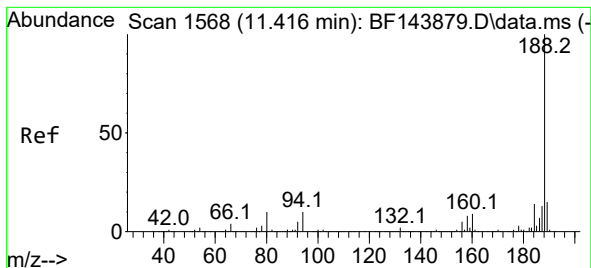
Tgt Ion:165 Resp: 31146
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.2 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 7.77 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion:165 Resp: 31146
Ion Ratio Lower Upper
165 100
63 0.8 37.2 55.8#
89 1.2 49.4 74.2#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

Instrument :

BNA_F

ClientSampleId :

PB170122BL

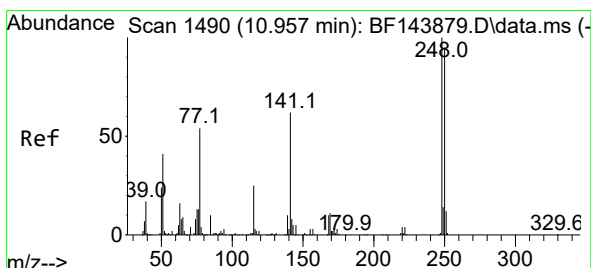
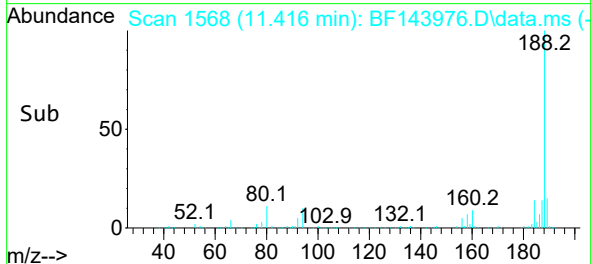
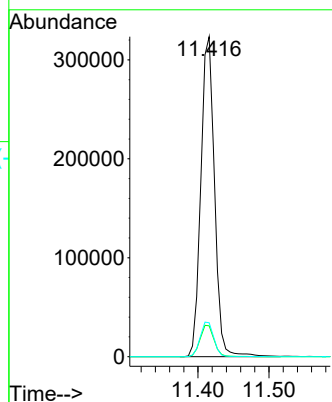
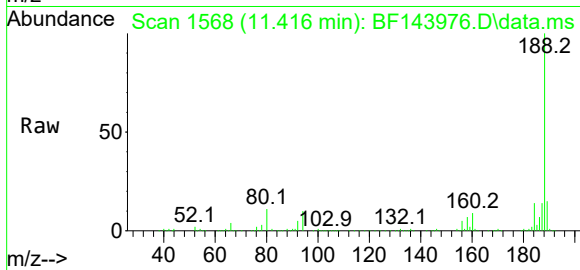
Tgt Ion:188 Resp: 435272

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.34 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

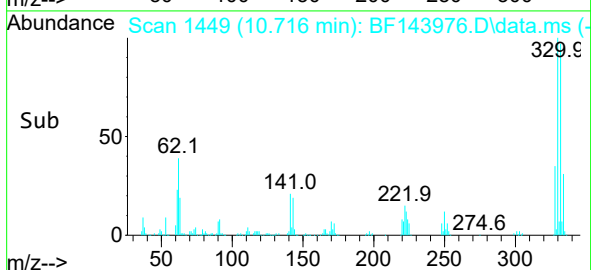
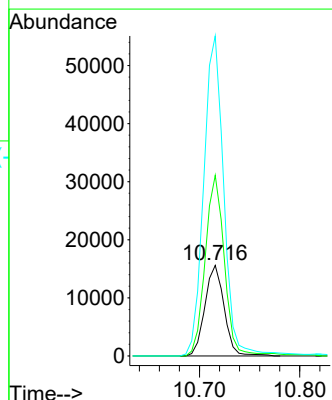
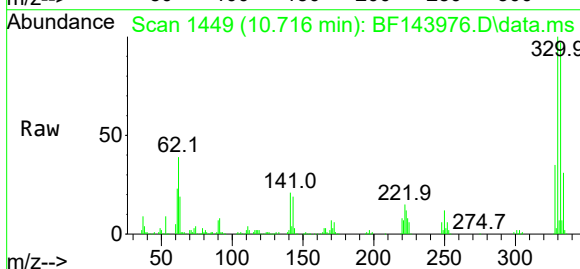
Tgt Ion:248 Resp: 20879

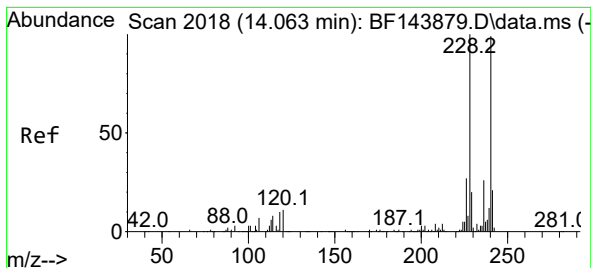
Ion Ratio Lower Upper

248 100

250 199.2 76.3 114.5#

141 353.1 49.7 74.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.005 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

Instrument :

BNA_F

ClientSampleId :

PB170122BL

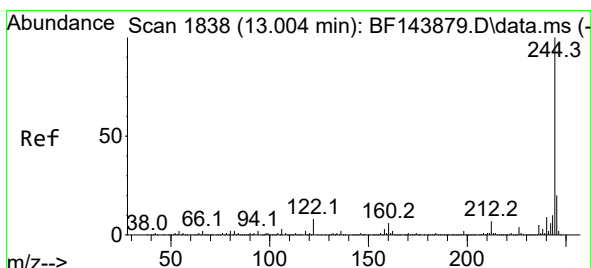
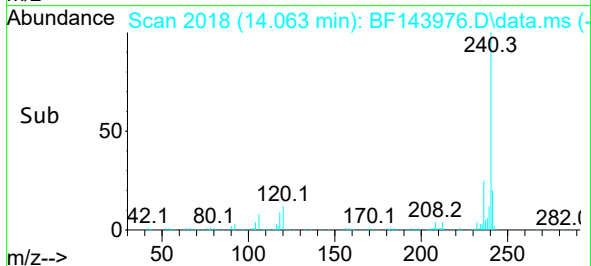
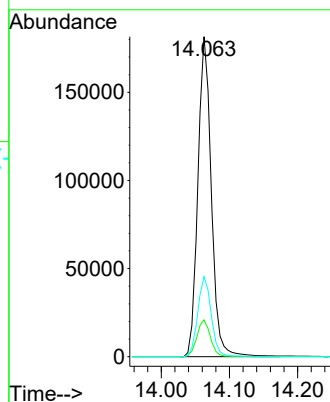
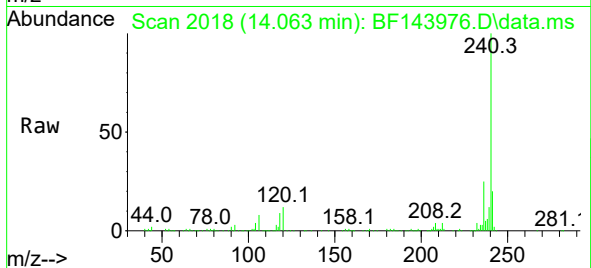
Tgt Ion:240 Resp: 248454

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

236 25.0 21.1 31.7



#79

Terphenyl-d14

Concen: 102.76 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

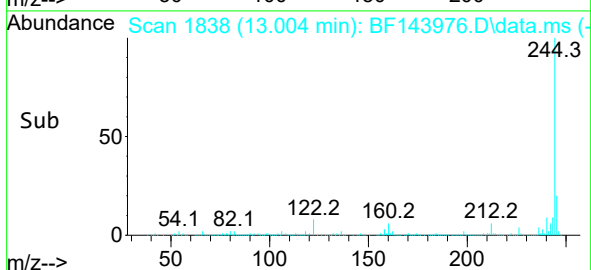
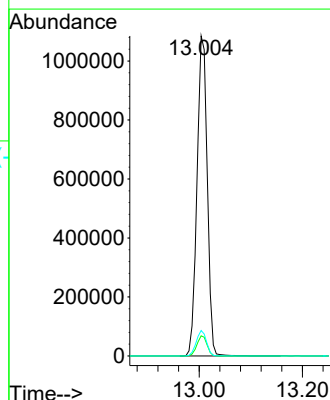
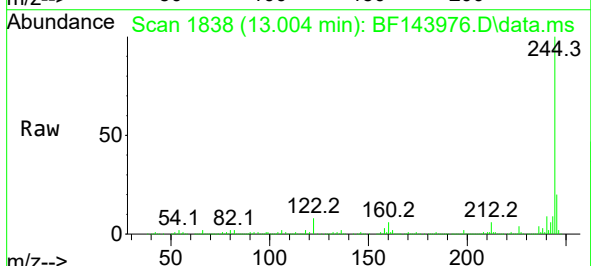
Tgt Ion:244 Resp: 1493866

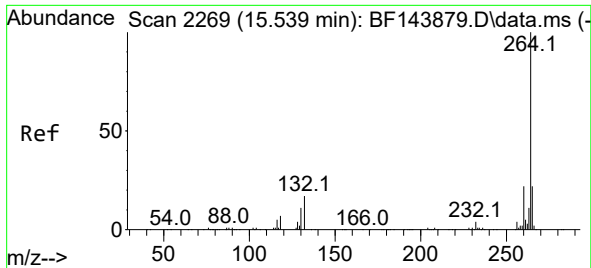
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

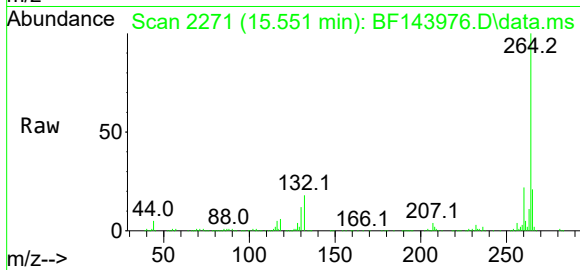
122 7.9 6.4 9.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Instrument :
BNA_F
ClientSampleId :
PB170122BL



Tgt Ion:264 Resp: 217130
Ion Ratio Lower Upper
264 100
260 22.2 17.8 26.8
265 20.8 17.5 26.3

