

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143975.D
 Acq On : 16 Oct 2025 12:38
 Operator : RC/JU
 Sample : PB170101BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BL

Quant Time: Oct 16 14:39:57 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

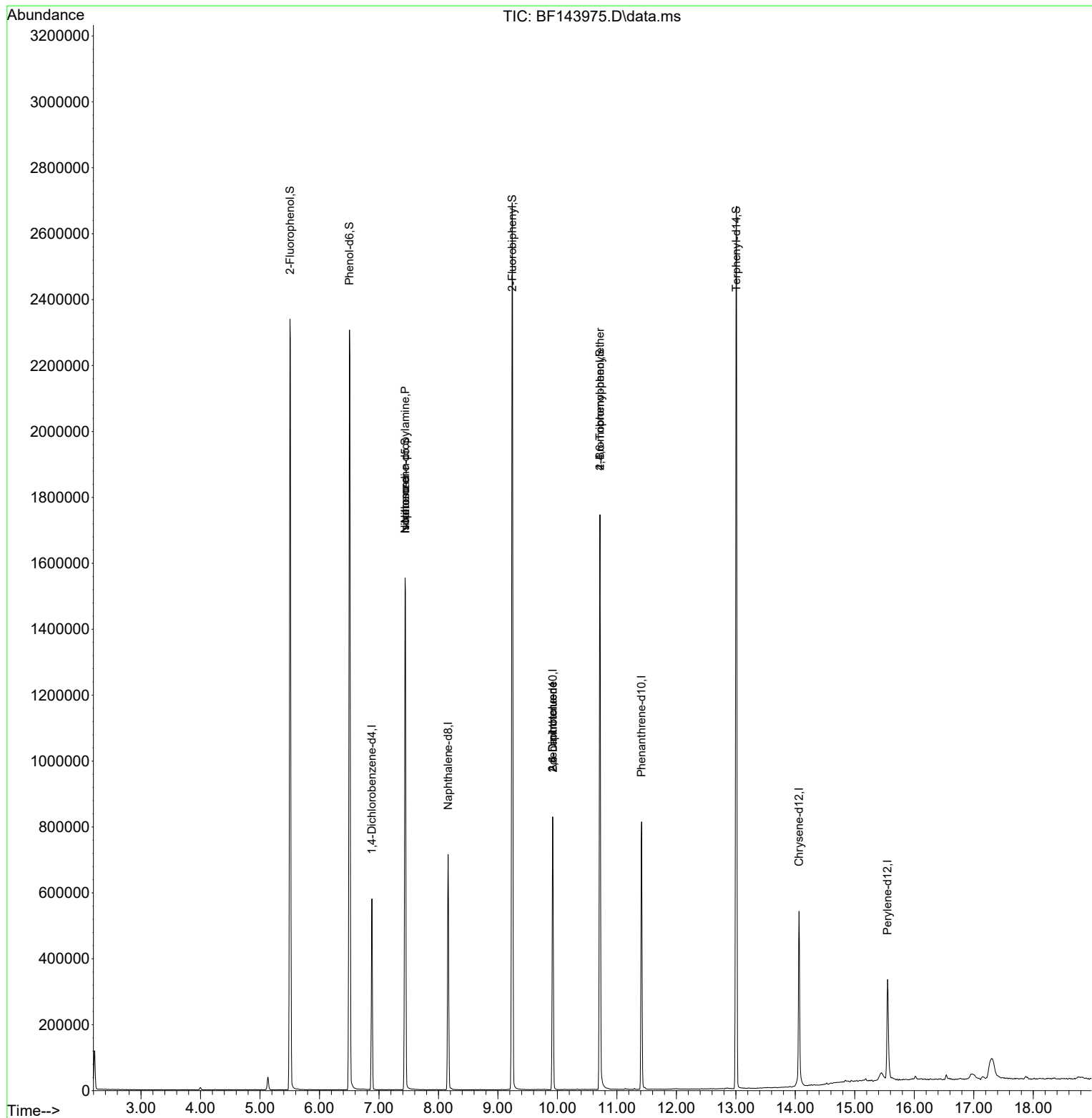
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118286	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	470205	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	255280	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	445636	20.00	ng	0.00
76) Chrysene-d12	14.063	240	260605	20.00	ng	0.00
86) Perylene-d12	15.551	264	215681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	959699	128.84	ng	0.00
7) Phenol-d6	6.504	99	1133848	127.71	ng	-0.01
23) Nitrobenzene-d5	7.439	82	737189	95.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	361761	142.28	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1363201	84.73	ng	-0.01
79) Terphenyl-d14	13.010	244	1543864	101.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	107646	17.71	ng	# 77
25) Isophorone	7.439	82	637841	39.09	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	31708	10.55	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	31708	7.75	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	20755	4.21	ng	# 1

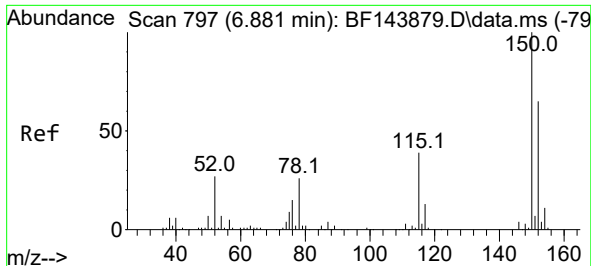
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
Data File : BF143975.D
Acq On : 16 Oct 2025 12:38
Operator : RC/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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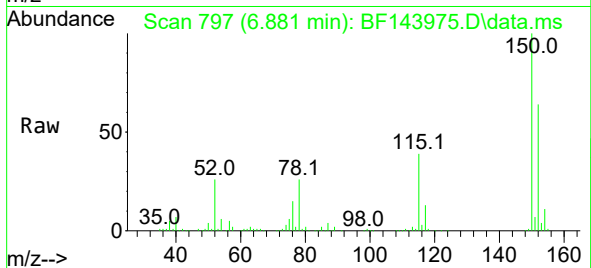
Quant Time: Oct 16 14:39:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



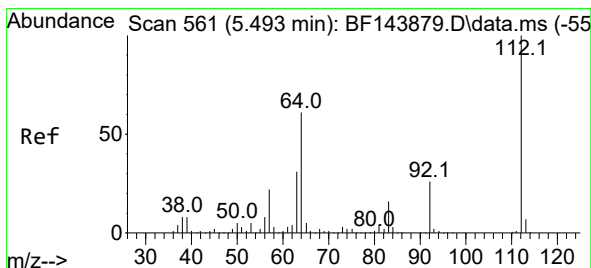
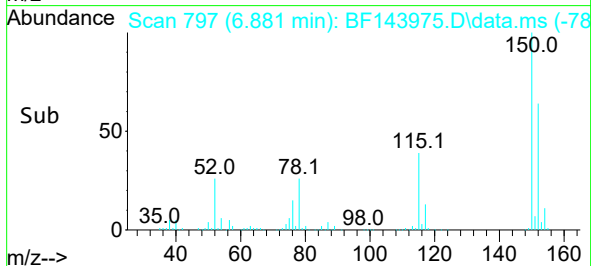
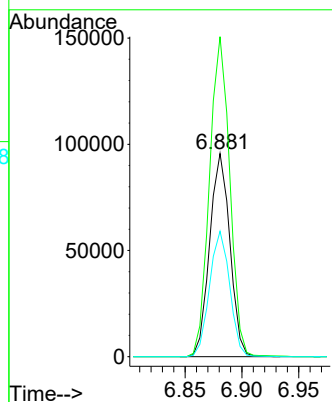


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB170101BL

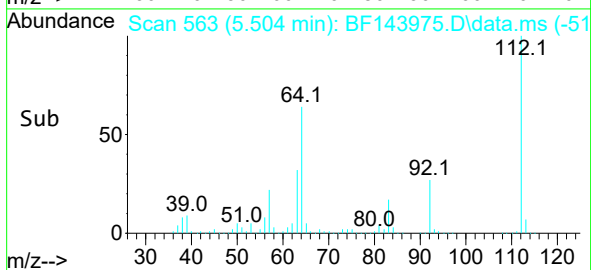
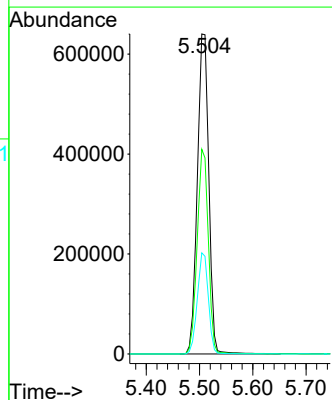
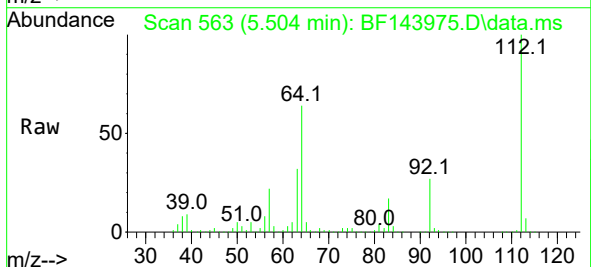


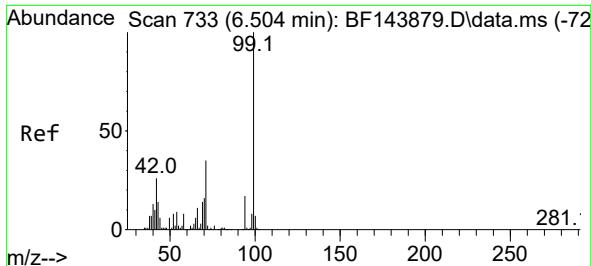
Tgt Ion:152 Resp: 118286
Ion Ratio Lower Upper
152 100
150 157.5 124.4 186.6
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 128.84 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Tgt Ion:112 Resp: 959699
Ion Ratio Lower Upper
112 100
64 63.9 49.1 73.7
63 31.6 24.5 36.7

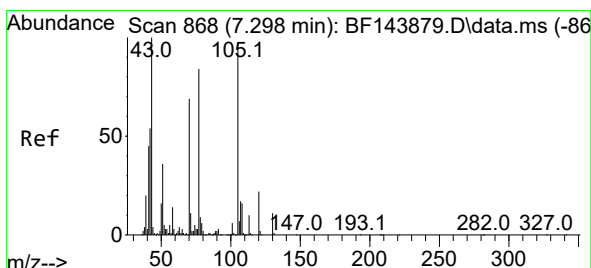
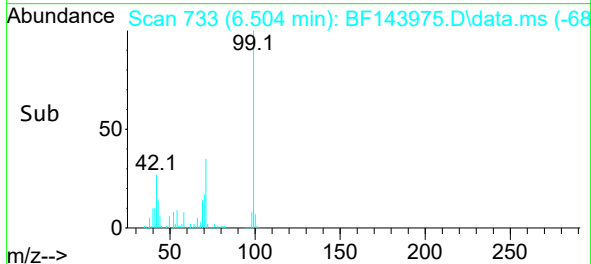
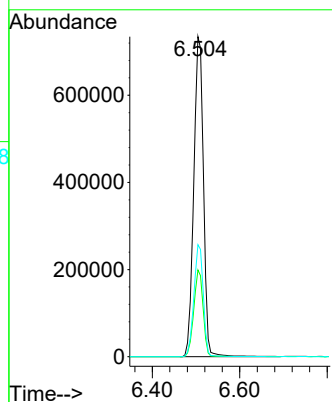
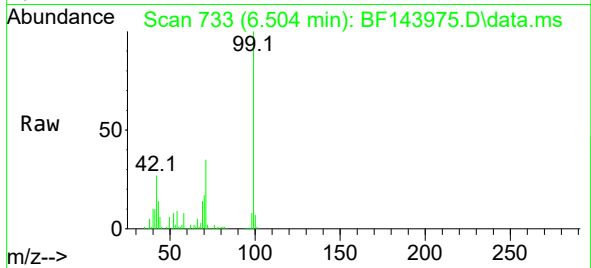




#7
Phenol-d6
Concen: 127.71 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

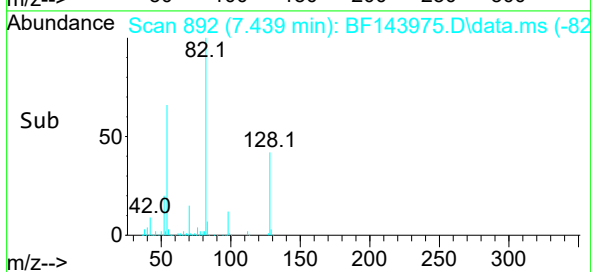
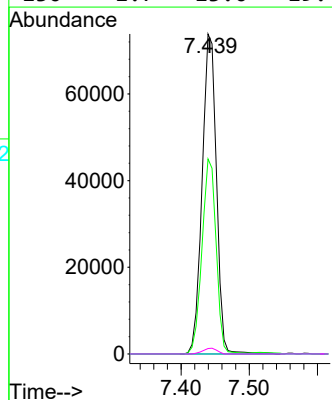
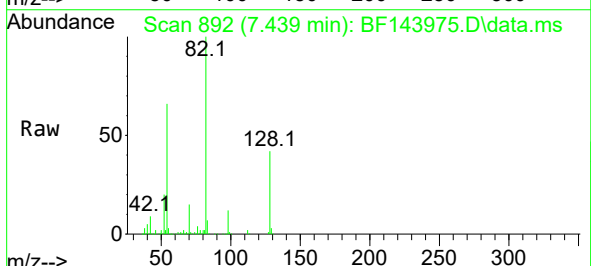
Instrument :
BNA_F
ClientSampleId :
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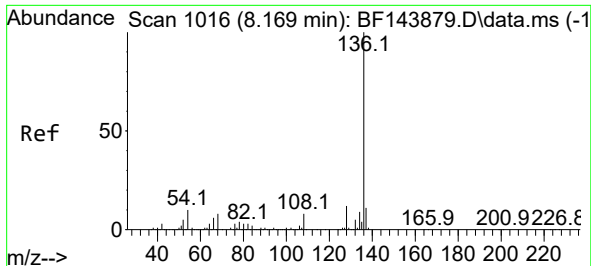
Tgt Ion: 99 Resp: 1133848
Ion Ratio Lower Upper
99 100
42 27.1 21.0 31.4
71 35.0 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.71 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Tgt Ion: 70 Resp: 107646
Ion Ratio Lower Upper
70 100
42 61.0 62.8 94.2#
101 0.0 6.7 10.1#
130 1.7 13.0 19.4#

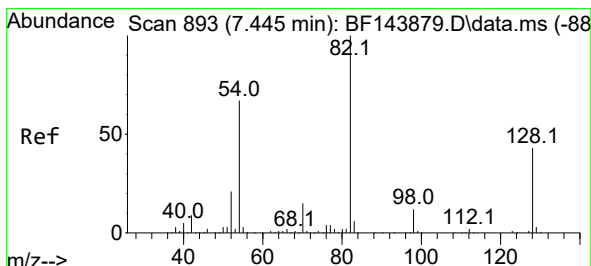
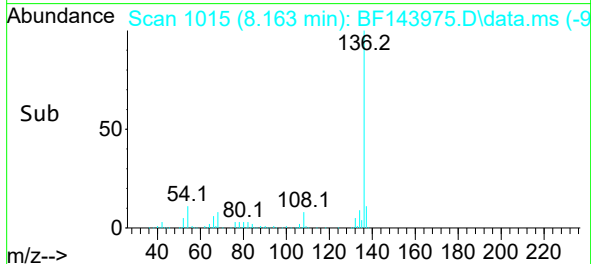
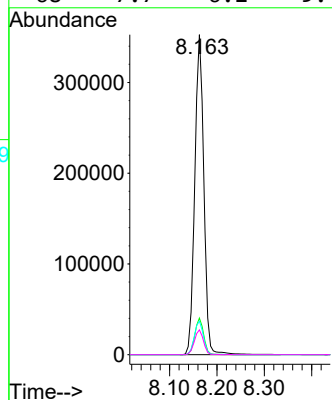
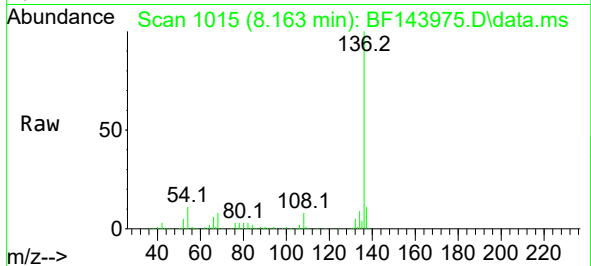




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

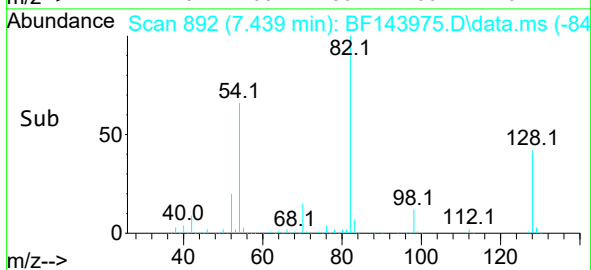
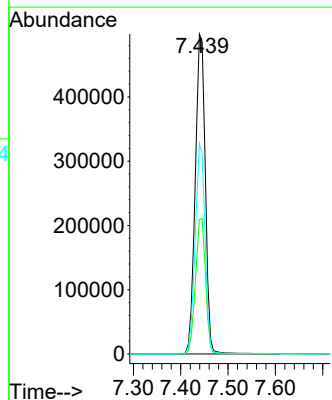
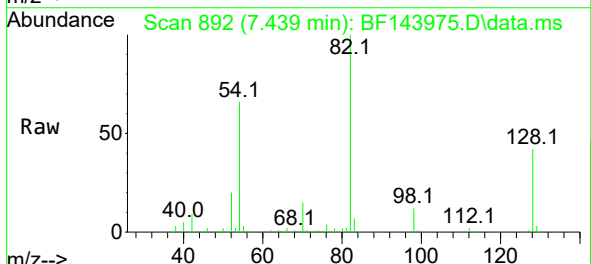
Instrument :
BNA_F
ClientSampleId :
PB170101BL

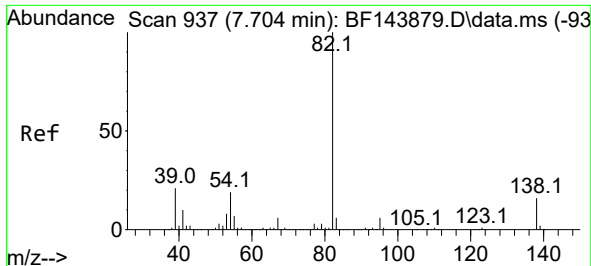
Tgt Ion:136 Resp: 470205
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.5 8.2 12.4
68 7.7 6.2 9.4



#23
Nitrobenzene-d5
Concen: 95.25 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Tgt Ion: 82 Resp: 737189
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 65.7 53.2 79.8

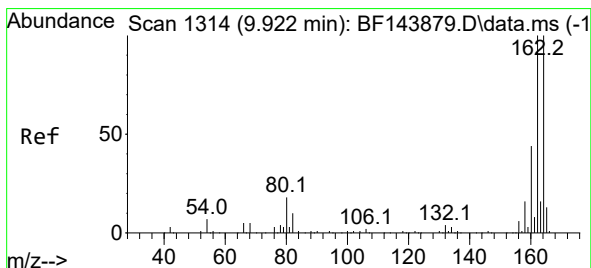
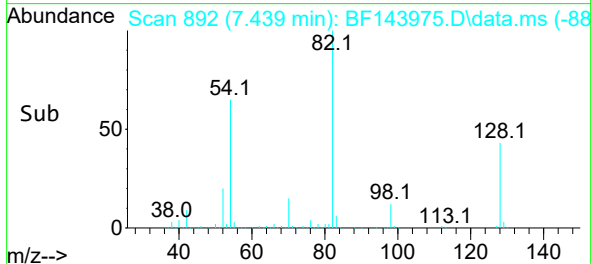
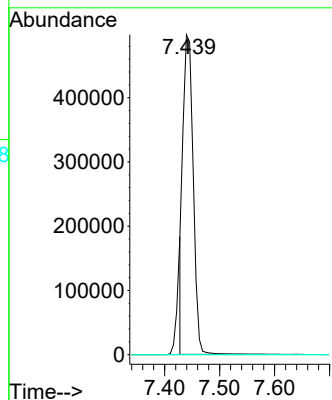
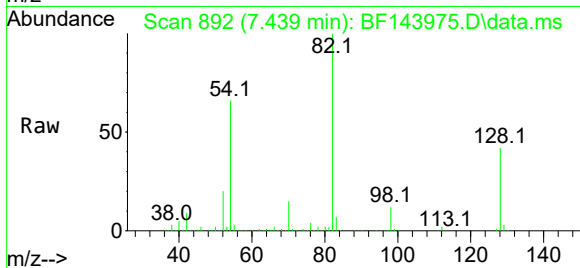




#25
Isophorone
Concen: 39.09 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.282 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

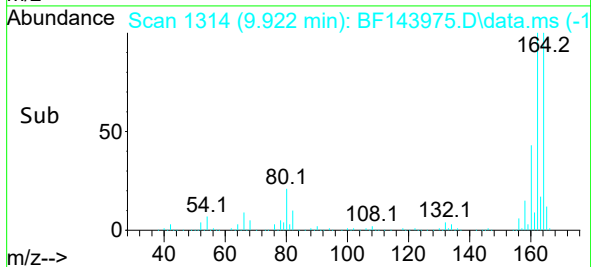
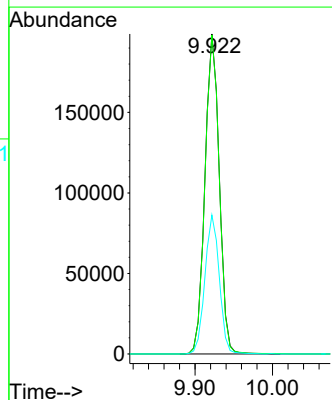
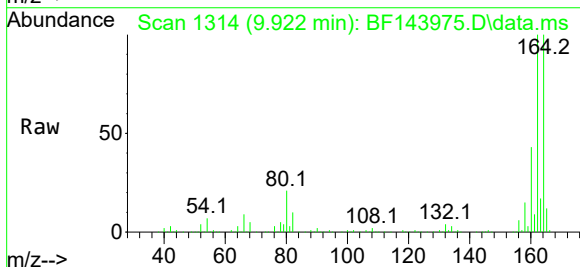
Instrument :
BNA_F
ClientSampleId :
PB170101BL

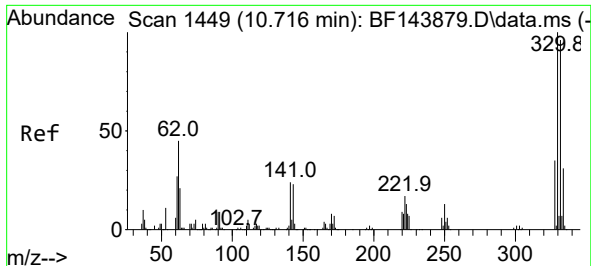
Tgt Ion: 82 Resp: 637841
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Tgt Ion:164 Resp: 255280
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.28 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143975.D

Acq: 16 Oct 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB170101BL

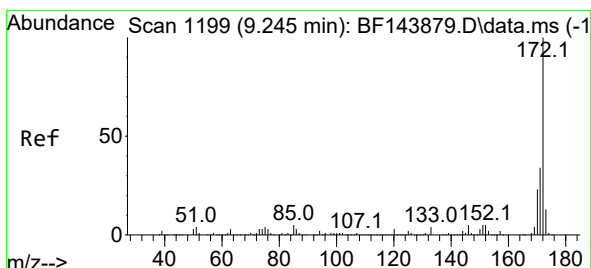
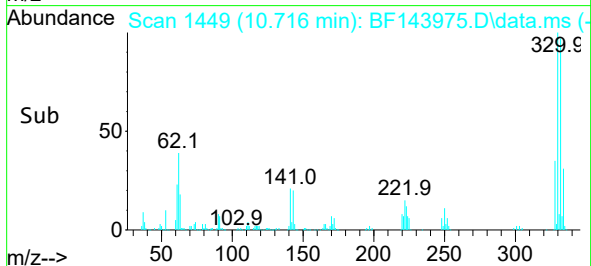
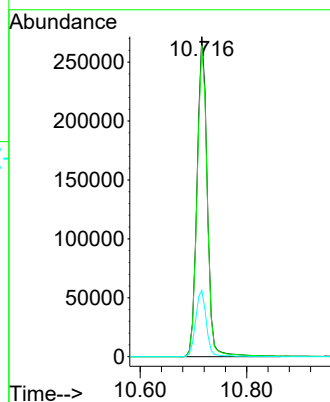
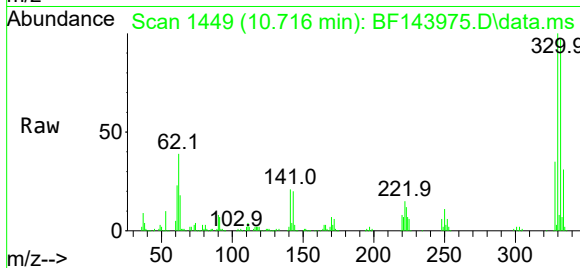
Tgt Ion:330 Resp: 361761

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 22.0 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 84.73 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143975.D

Acq: 16 Oct 2025 12:38

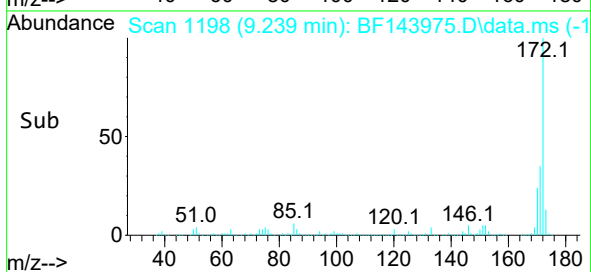
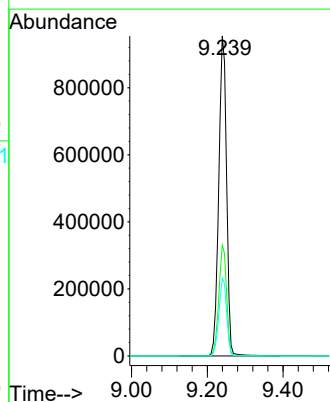
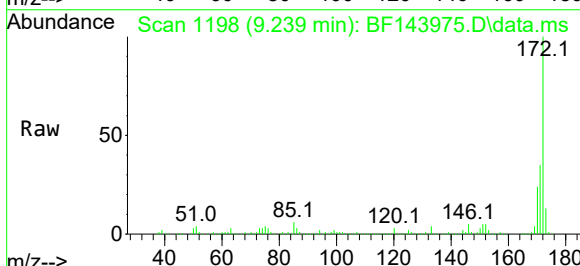
Tgt Ion:172 Resp: 1363201

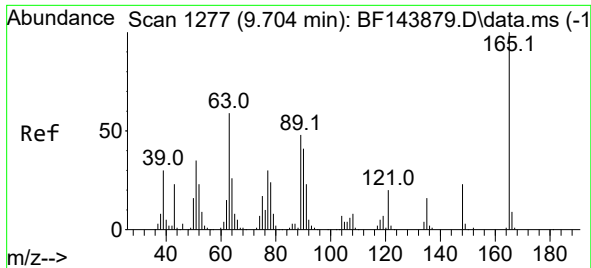
Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

170 24.3 18.6 28.0

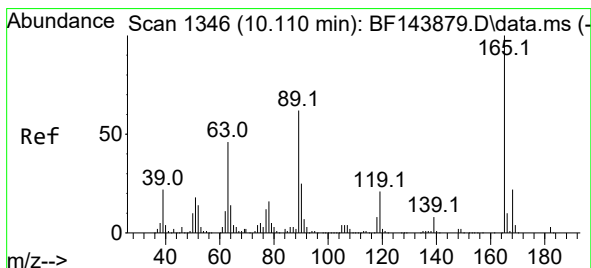
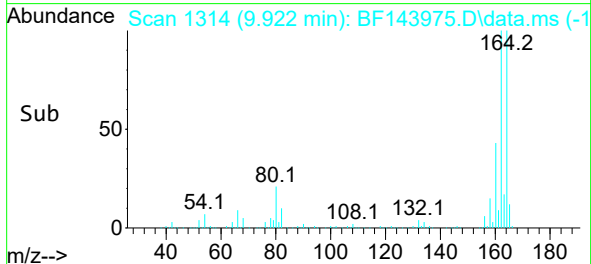
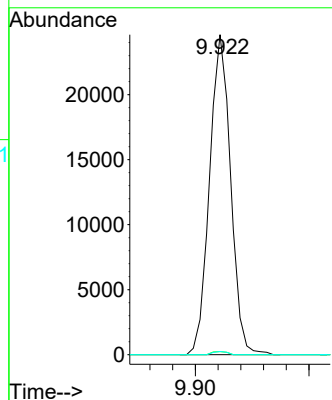
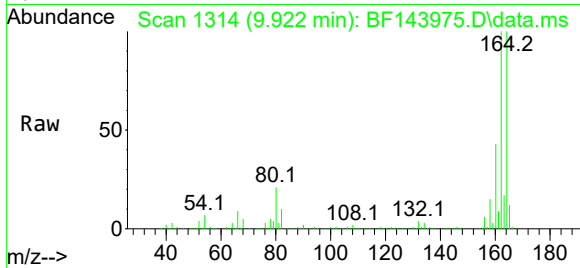




#51
2,6-Dinitrotoluene
Concen: 10.55 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

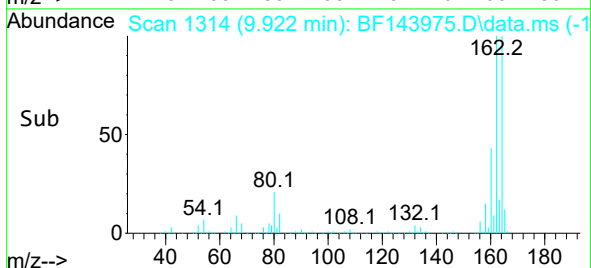
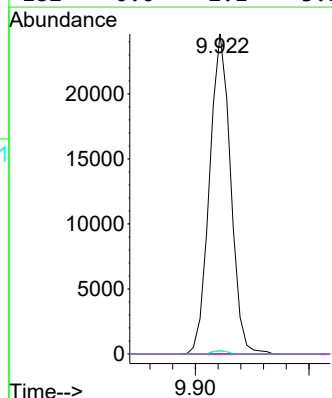
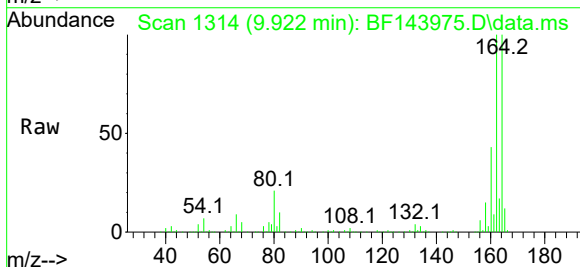
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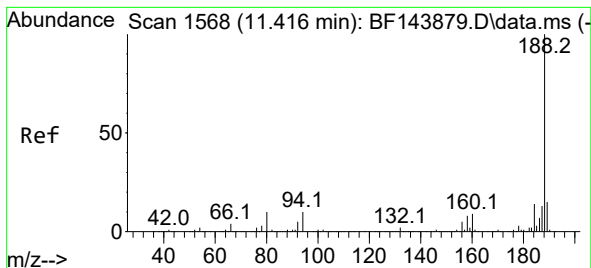
Tgt Ion:165 Resp: 31708
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.0 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 7.75 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143975.D
Acq: 16 Oct 2025 12:38

Tgt Ion:165 Resp: 31708
Ion Ratio Lower Upper
165 100
63 1.0 37.2 55.8#
89 1.0 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: BF143975.D

Acq: 16 Oct 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB170101BL

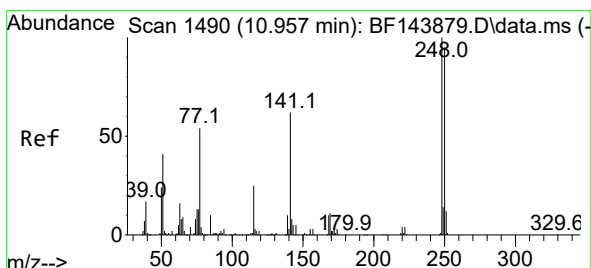
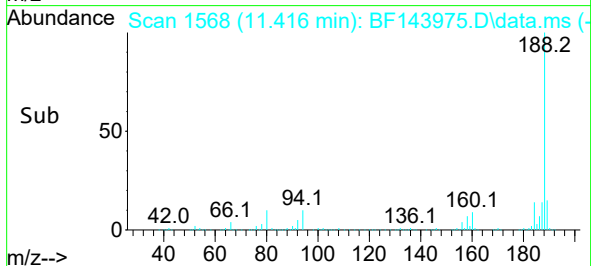
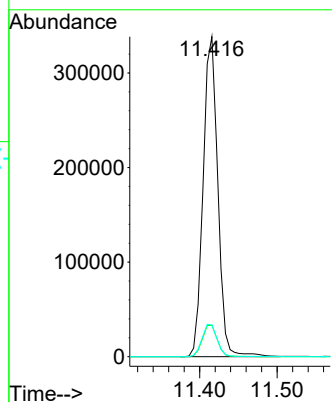
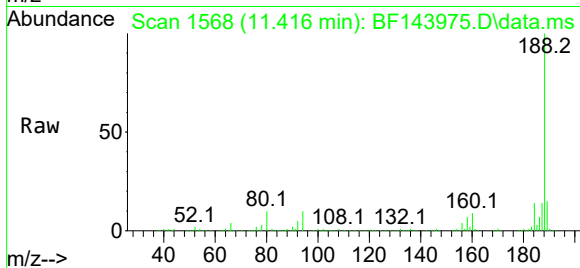
Tgt Ion:188 Resp: 445636

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

80 10.0 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.21 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF143975.D

Acq: 16 Oct 2025 12:38

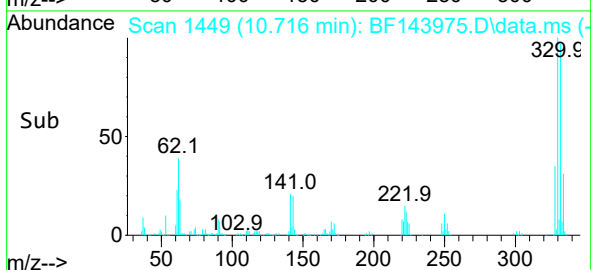
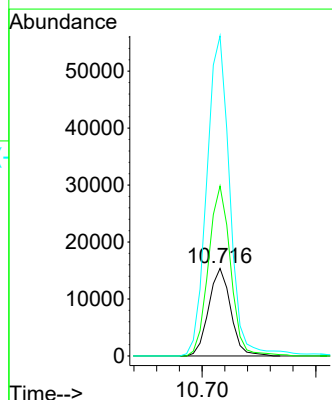
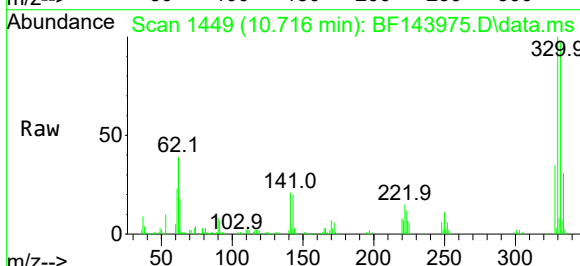
Tgt Ion:248 Resp: 20755

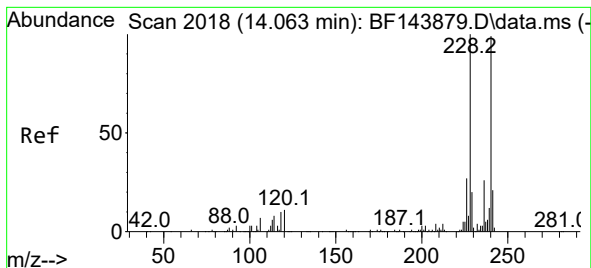
Ion Ratio Lower Upper

248 100

250 194.0 76.3 114.5#

141 365.4 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: BF143975.D

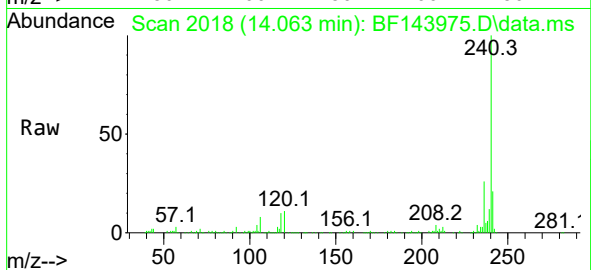
Acq: 16 Oct 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB170101BL



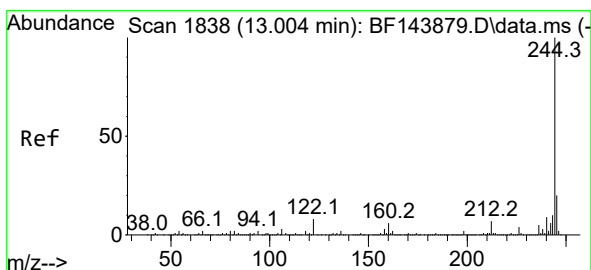
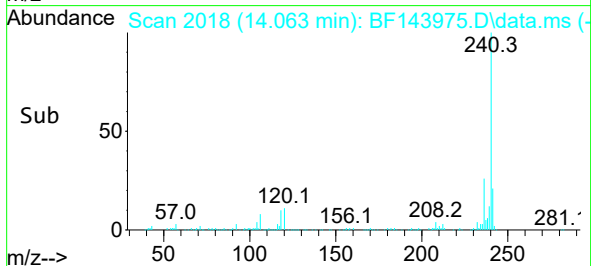
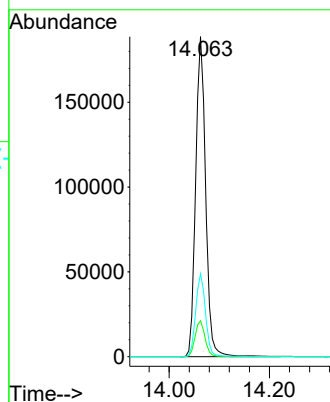
Tgt Ion:240 Resp: 260605

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

236 25.9 21.1 31.7



#79

Terphenyl-d14

Concen: 101.25 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF143975.D

Acq: 16 Oct 2025 12:38

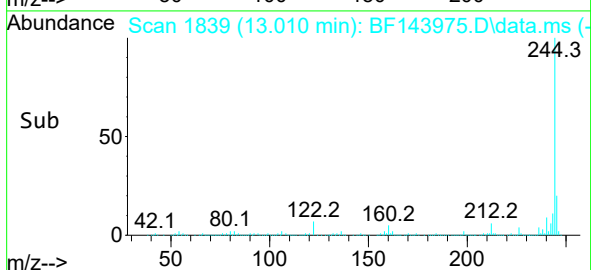
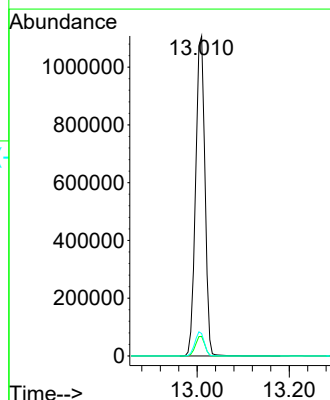
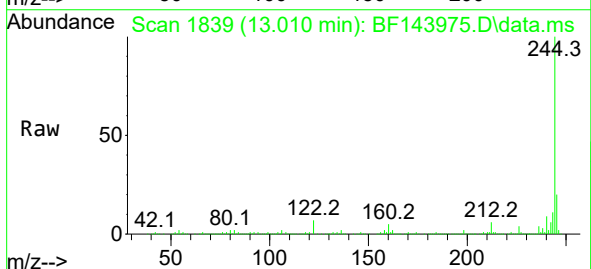
Tgt Ion:244 Resp: 1543864

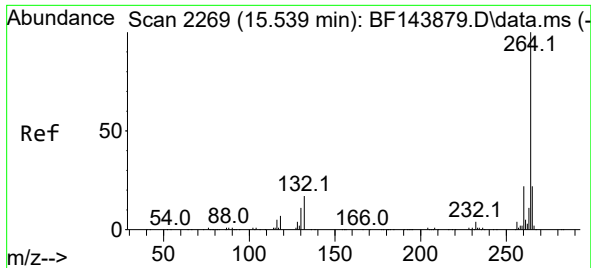
Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

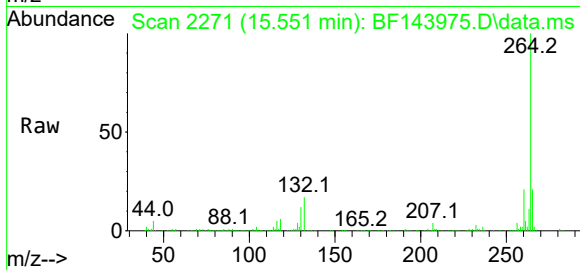
122 7.0 6.4 9.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143975.D
 Acq: 16 Oct 2025 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BL



Tgt Ion:264 Resp: 215681
 Ion Ratio Lower Upper
 264 100
 260 20.6 17.8 26.8
 265 21.0 17.5 26.3

