

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
 Data File : BF143932.D
 Acq On : 13 Oct 2025 15:01
 Operator : RC/JU
 Sample : PB170067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170067BL

Quant Time: Oct 13 15:42:01 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)

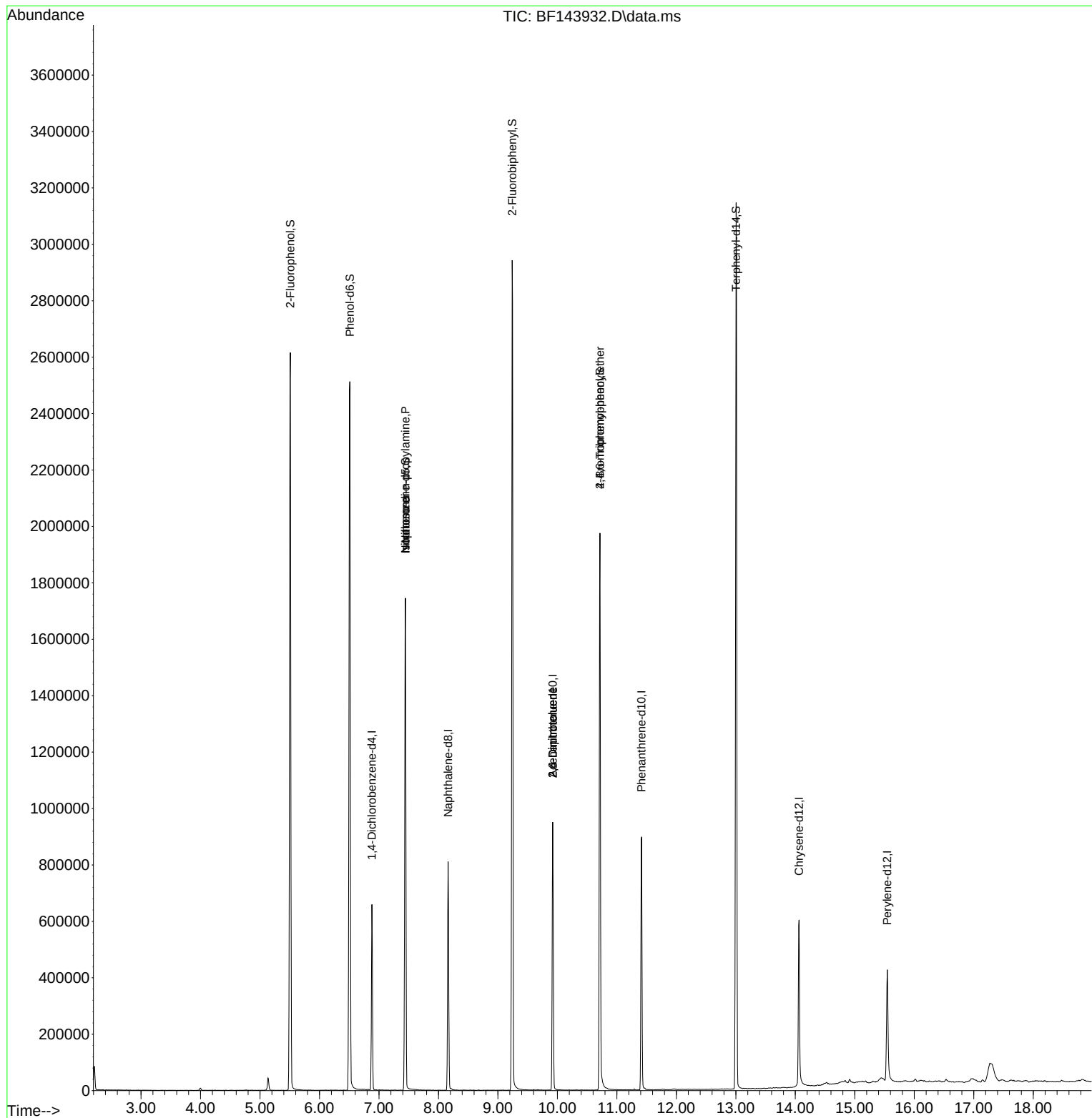
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	131773	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	514679	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	287657	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	511698	20.000	ng	0.00
76) Chrysene-d12	14.063	240	308394	20.000	ng	0.00
86) Perylene-d12	15.545	264	280189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1078716	129.995	ng	0.01
7) Phenol-d6	6.510	99	1273602	128.764	ng	0.00
23) Nitrobenzene-d5	7.445	82	807591	95.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	416627	145.413	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1495952	82.518	ng	-0.01
79) Terphenyl-d14	13.004	244	1760254	97.551	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	121197	17.901	ng	# 77
25) Isophorone	7.445	82	715312	40.046	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	36432	10.755	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	36432	7.905	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	24504	4.333	ng	# 1

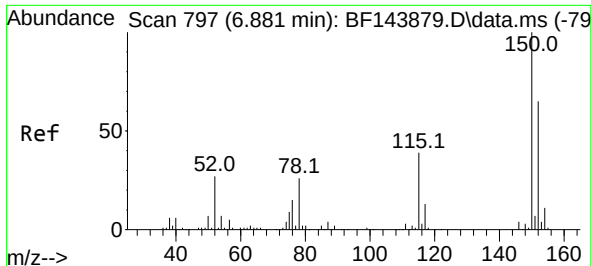
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143932.D
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BNA_F
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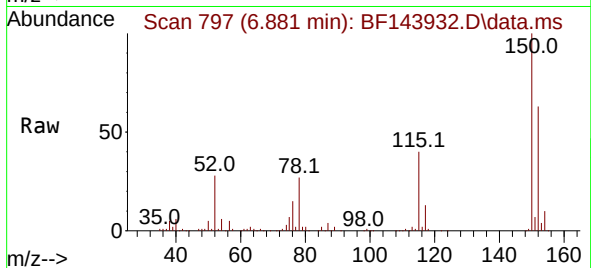
Quant Time: Oct 13 15:42:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



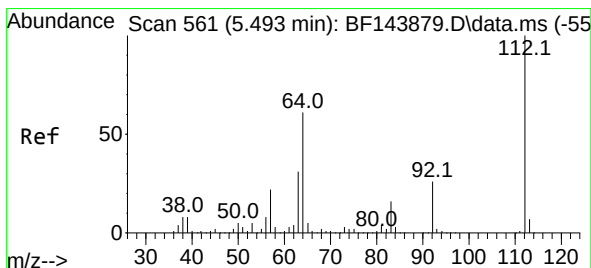
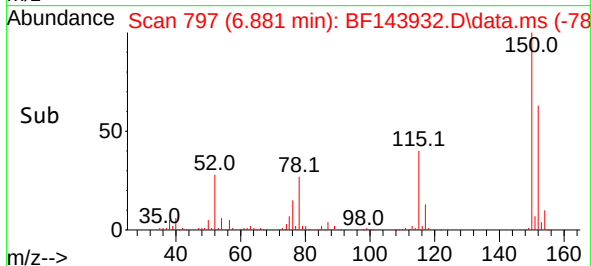
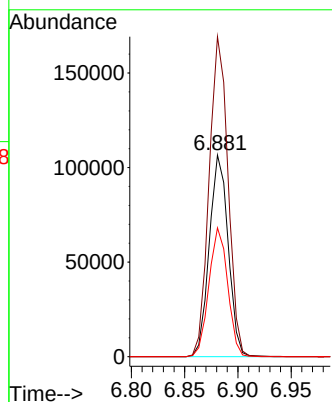


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB170067BL

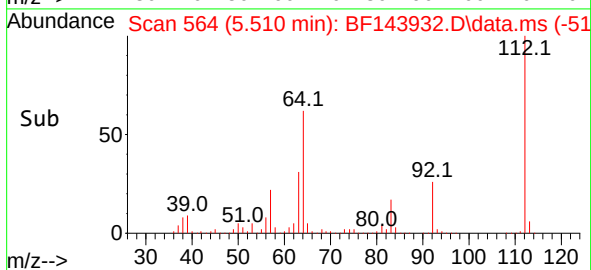
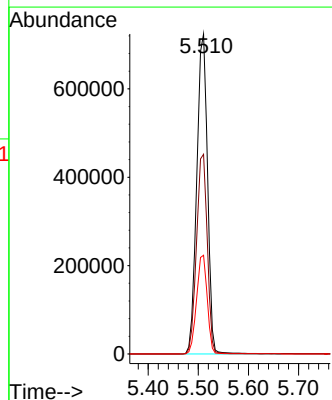
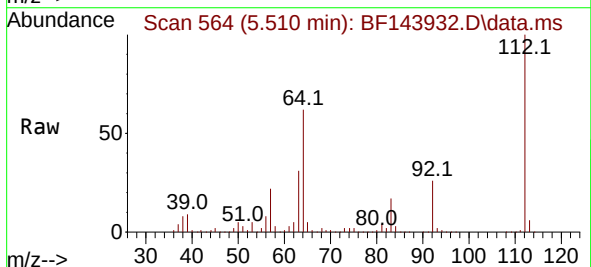


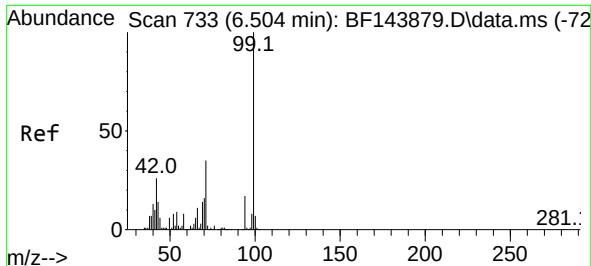
Tgt Ion:152 Resp: 131773
Ion Ratio Lower Upper
152 100
150 158.7 124.4 186.6
115 63.9 48.1 72.1



#5
2-Fluorophenol
Concen: 129.995 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion:112 Resp: 1078716
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 30.9 24.5 36.7

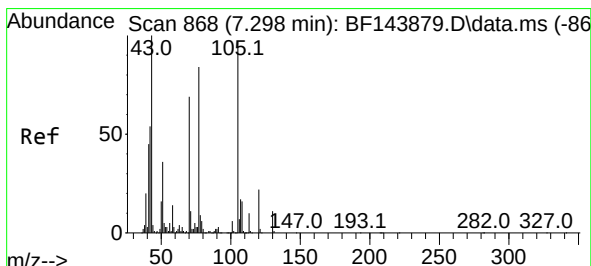
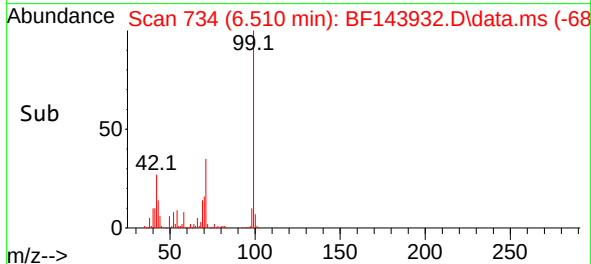
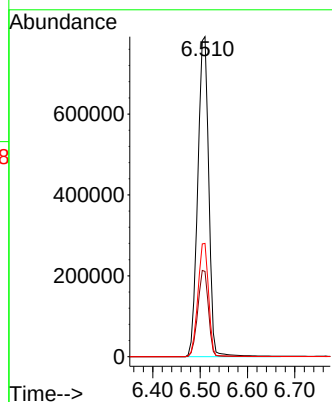
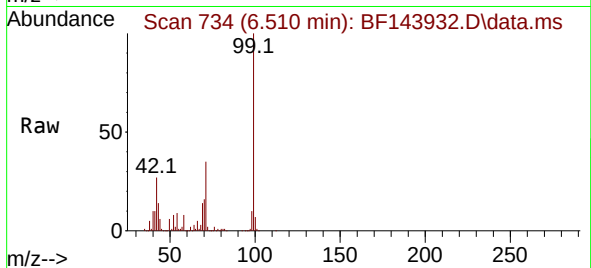




#7
Phenol-d6
Concen: 128.764 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

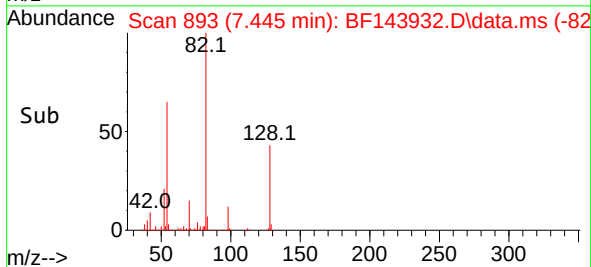
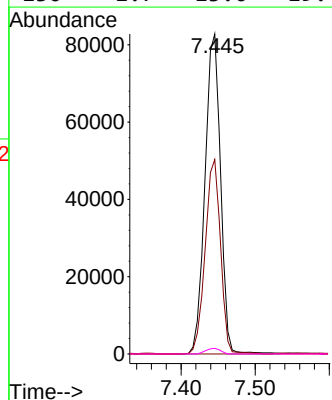
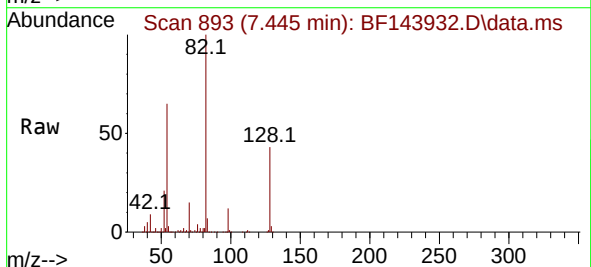
Instrument :
BNA_F
ClientSampleId :
PB170067BL

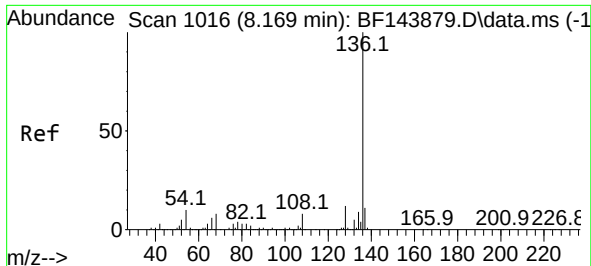
Tgt Ion: 99 Resp: 1273602
Ion Ratio Lower Upper
99 100
42 26.7 21.0 31.4
71 35.4 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.901 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion: 70 Resp: 121197
Ion Ratio Lower Upper
70 100
42 60.7 62.8 94.2#
101 0.0 6.7 10.1#
130 1.7 13.0 19.4#

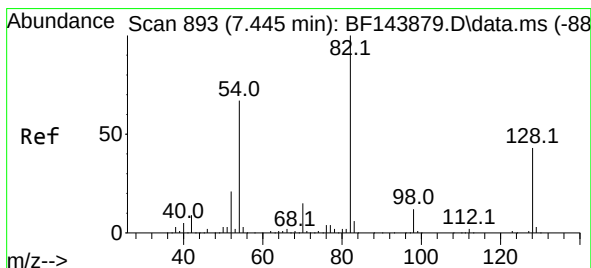
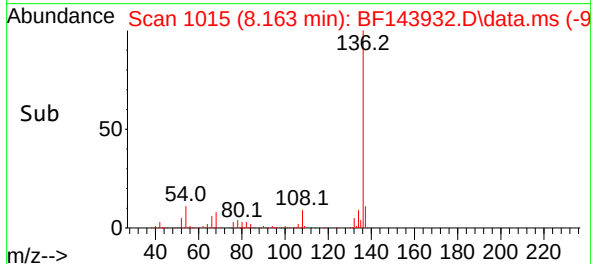
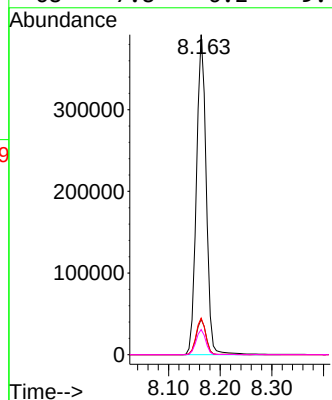
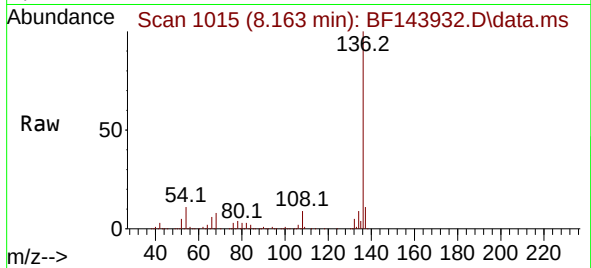




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

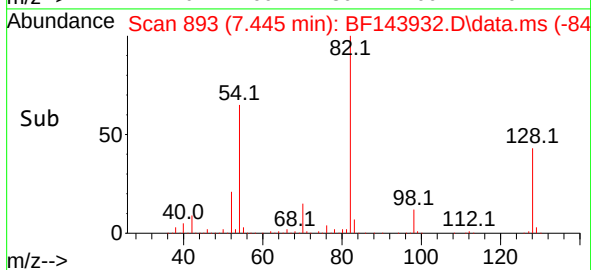
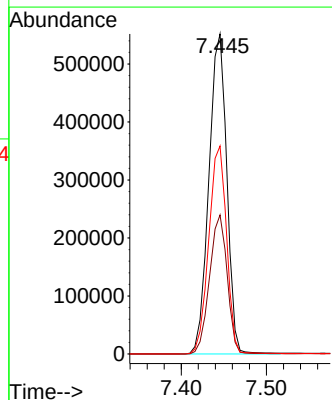
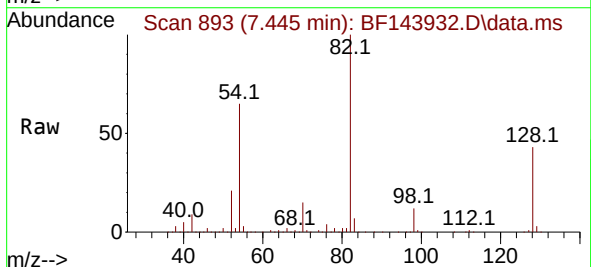
Instrument :
BNA_F
ClientSampleId :
PB170067BL

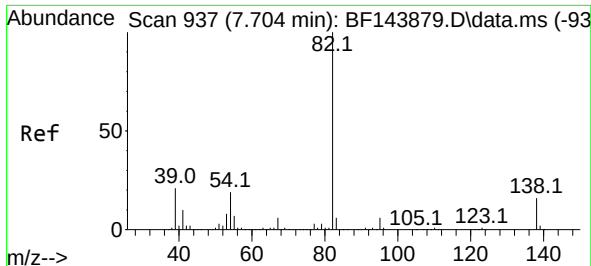
Tgt Ion:136 Resp: 514679
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.5 8.2 12.4
68 7.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 95.331 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion: 82 Resp: 807591
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 65.0 53.2 79.8

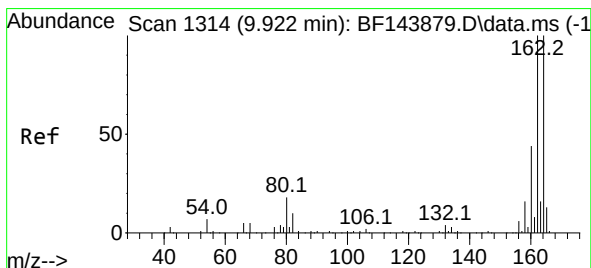
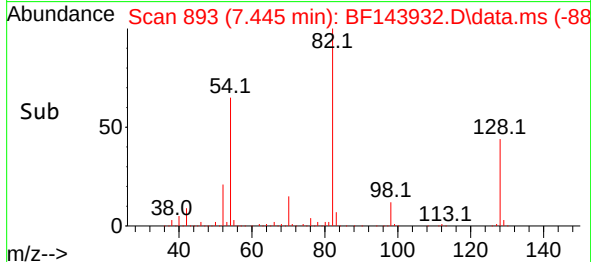
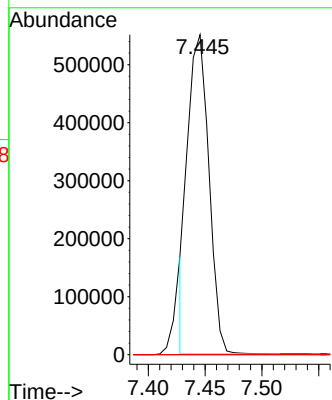
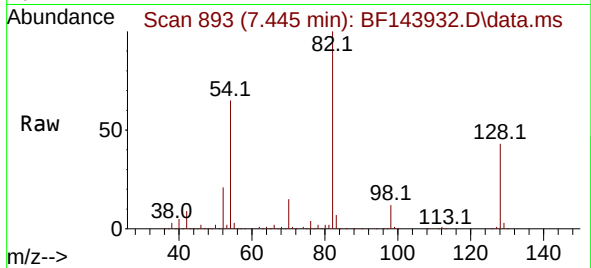




#25
Isophorone
Concen: 40.046 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

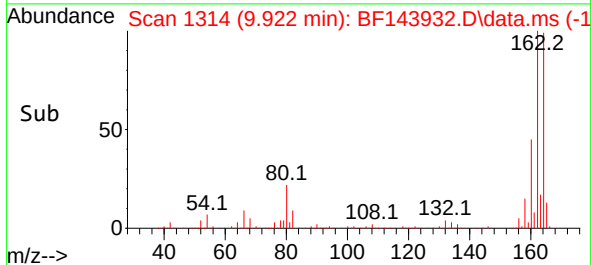
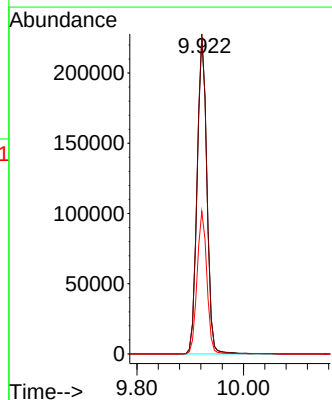
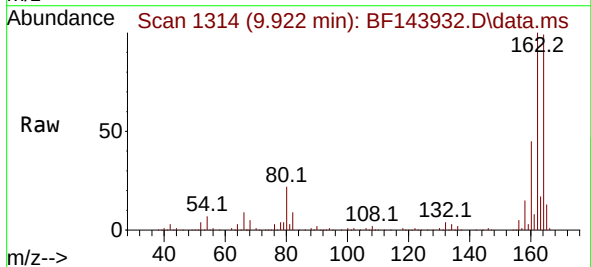
Instrument :
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ClientSampleId :
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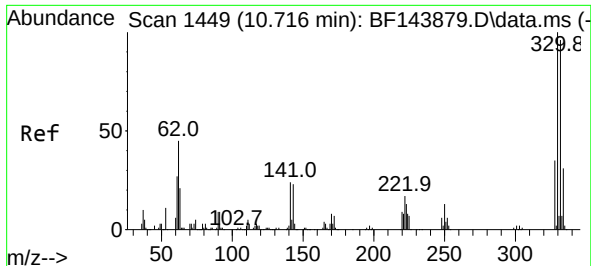
Tgt Ion: 82 Resp: 715312
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion: 164 Resp: 287657
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 45.1 35.4 53.0

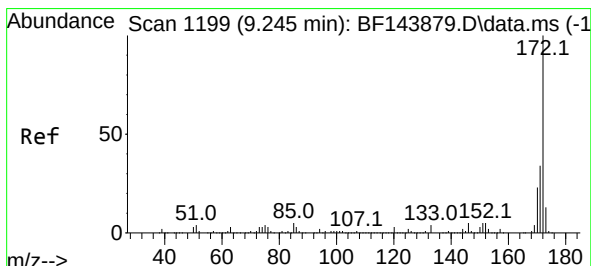
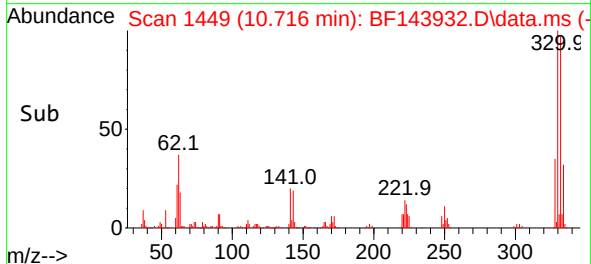
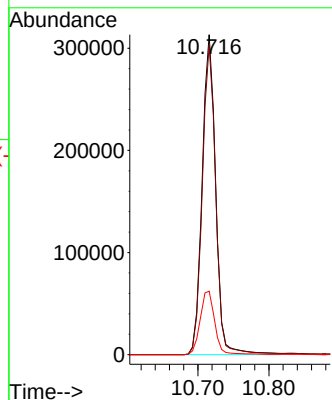
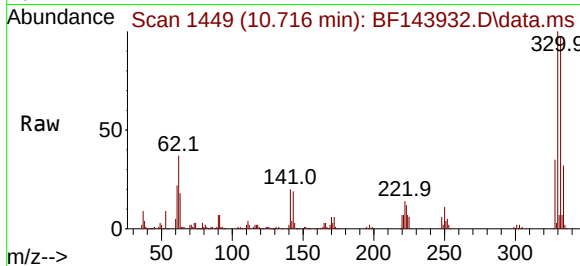




#42
 2,4,6-Tribromophenol
 Concen: 145.413 ng
 RT: 10.716 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF143932.D
 Acq: 13 Oct 2025 15:01

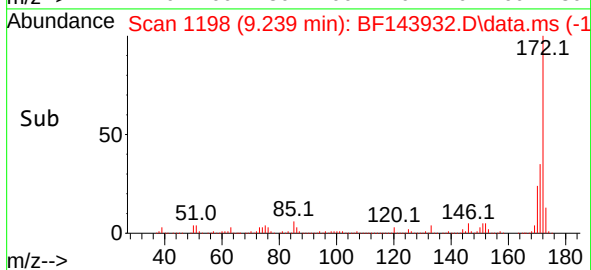
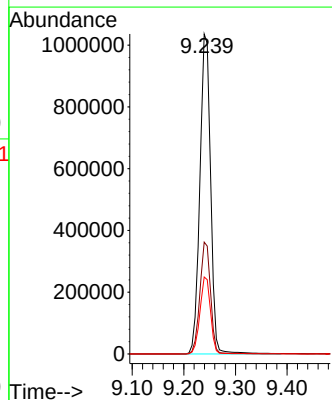
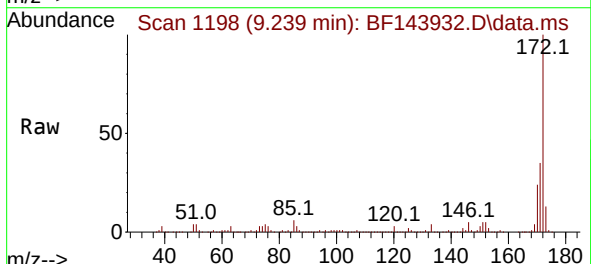
Instrument :
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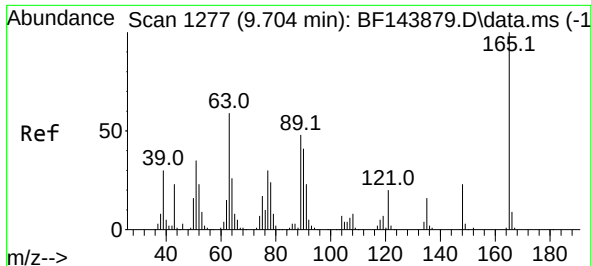
Tgt Ion: 330 Resp: 416627
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 21.6 20.2 30.4



#45
 2-Fluorobiphenyl
 Concen: 82.518 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF143932.D
 Acq: 13 Oct 2025 15:01

Tgt Ion: 172 Resp: 1495952
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.4 41.0
 170 24.1 18.6 28.0

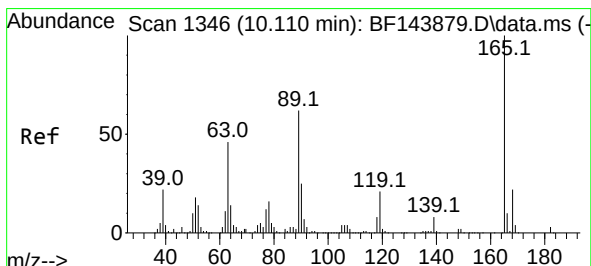
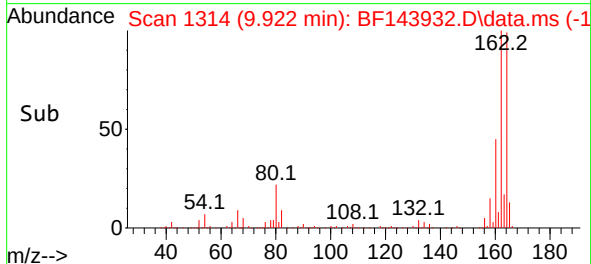
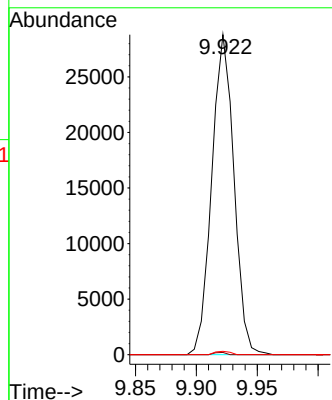
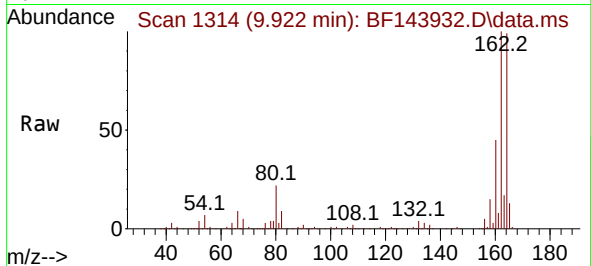




#51
2,6-Dinitrotoluene
Concen: 10.755 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

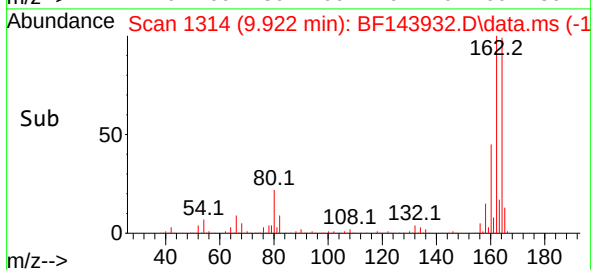
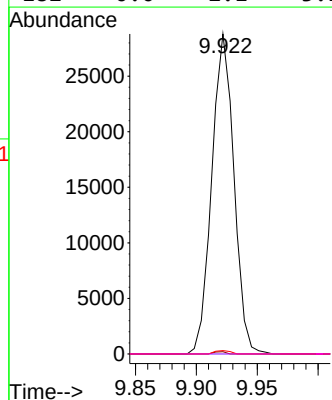
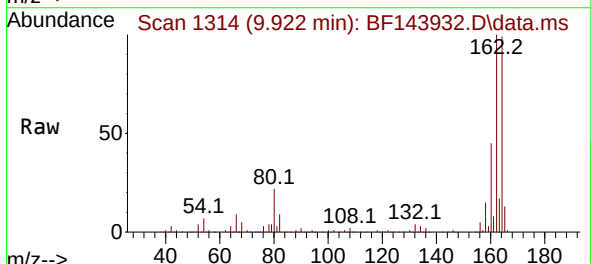
Instrument :
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ClientSampleId :
PB170067BL

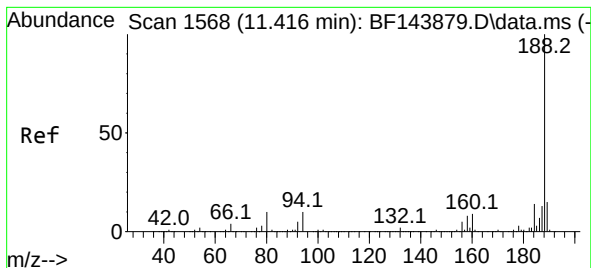
Tgt Ion:165 Resp: 36432
Ion Ratio Lower Upper
165 100
63 0.7 47.3 70.9#
89 1.0 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 7.905 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion:165 Resp: 36432
Ion Ratio Lower Upper
165 100
63 0.7 37.2 55.8#
89 1.0 49.4 74.2#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143932.D

Acq: 13 Oct 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB170067BL

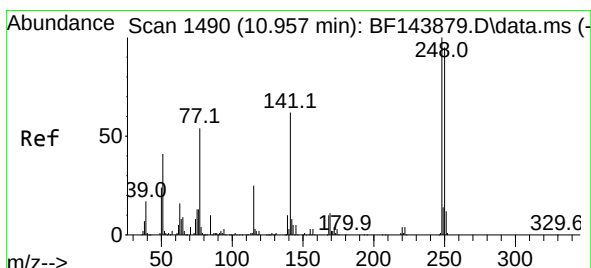
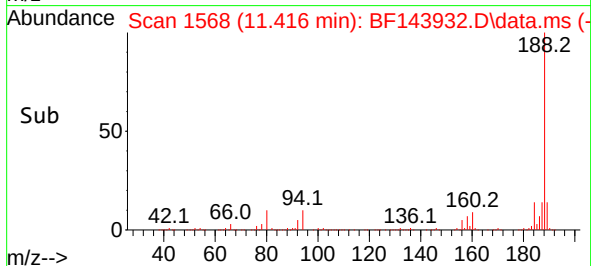
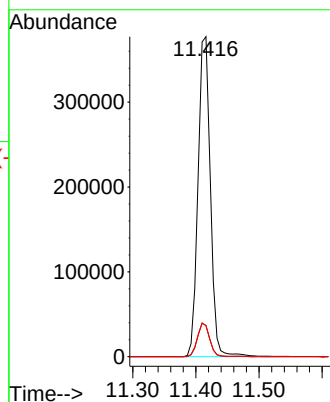
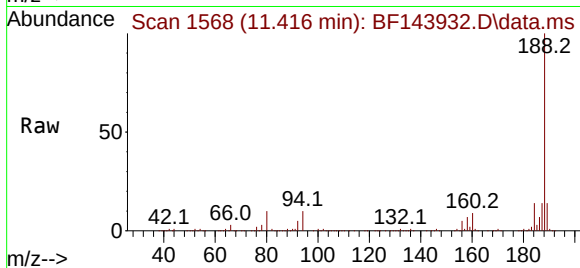
Tgt Ion:188 Resp: 511698

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 9.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.333 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF143932.D

Acq: 13 Oct 2025 15:01

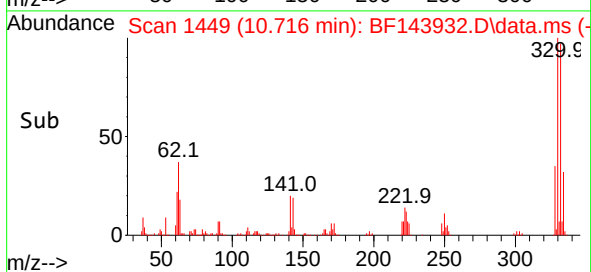
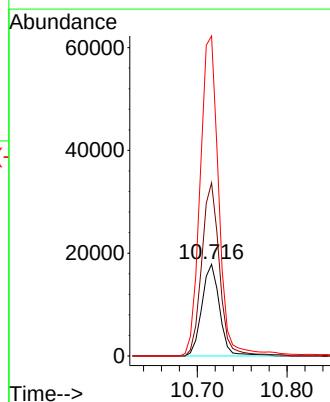
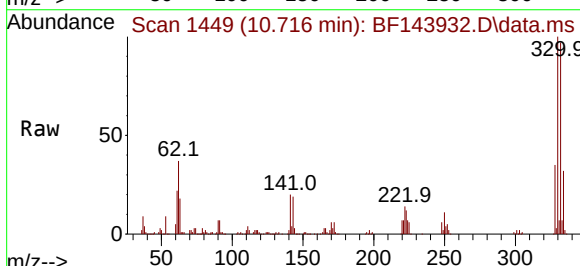
Tgt Ion:248 Resp: 24504

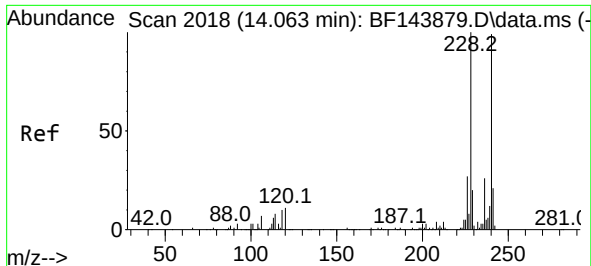
Ion Ratio Lower Upper

248 100

250 189.0 76.3 114.5#

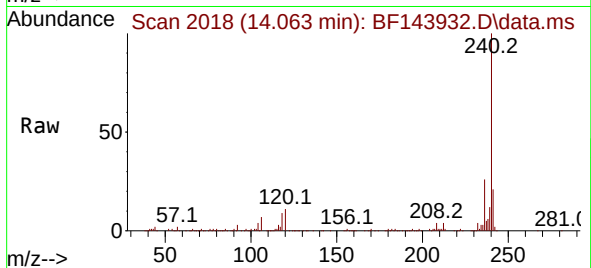
141 349.3 49.7 74.5#



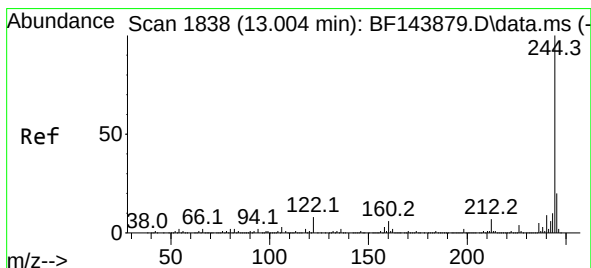
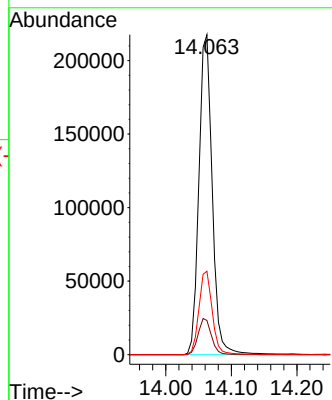
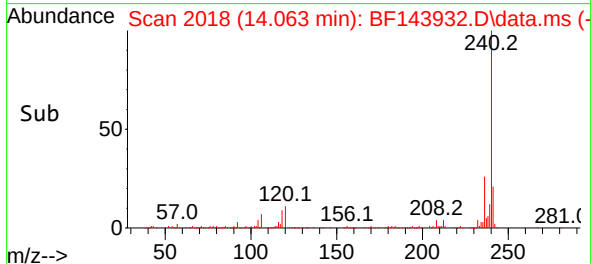


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

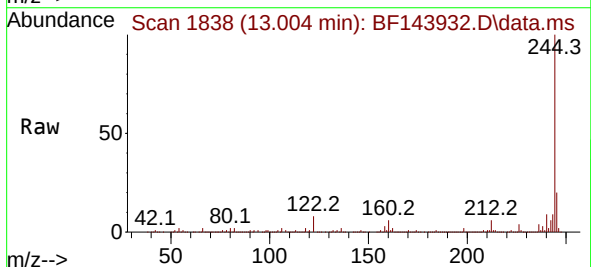
Instrument :
BNA_F
ClientSampleId :
PB170067BL



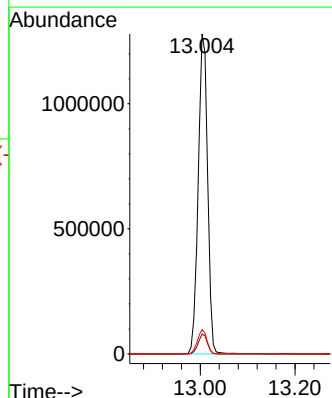
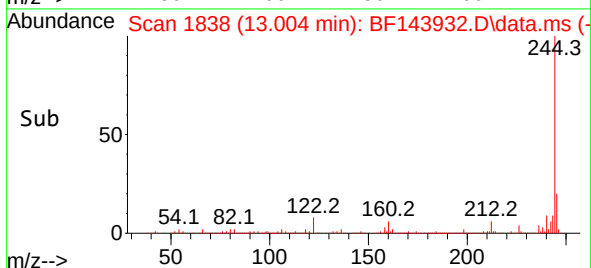
Tgt Ion:240 Resp: 308394
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 26.1 21.1 31.7

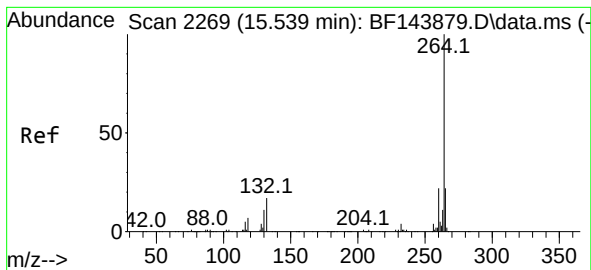


#79
Terphenyl-d14
Concen: 97.551 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01



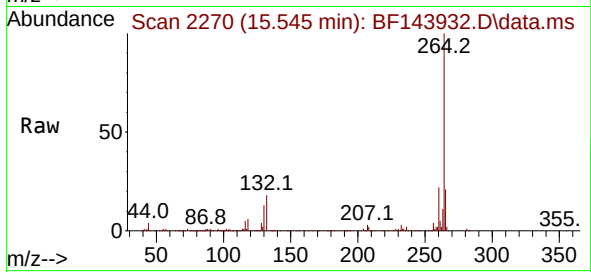
Tgt Ion:244 Resp: 1760254
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 7.6 6.4 9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB170067BL



Tgt Ion:264 Resp: 280189
Ion Ratio Lower Upper
264 100
260 22.0 17.8 26.8
265 20.7 17.5 26.3

