

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142553.D
 Acq On : 27 May 2025 10:45
 Operator : RC/JU
 Sample : PB168148BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168148BL

Quant Time: May 27 11:32:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

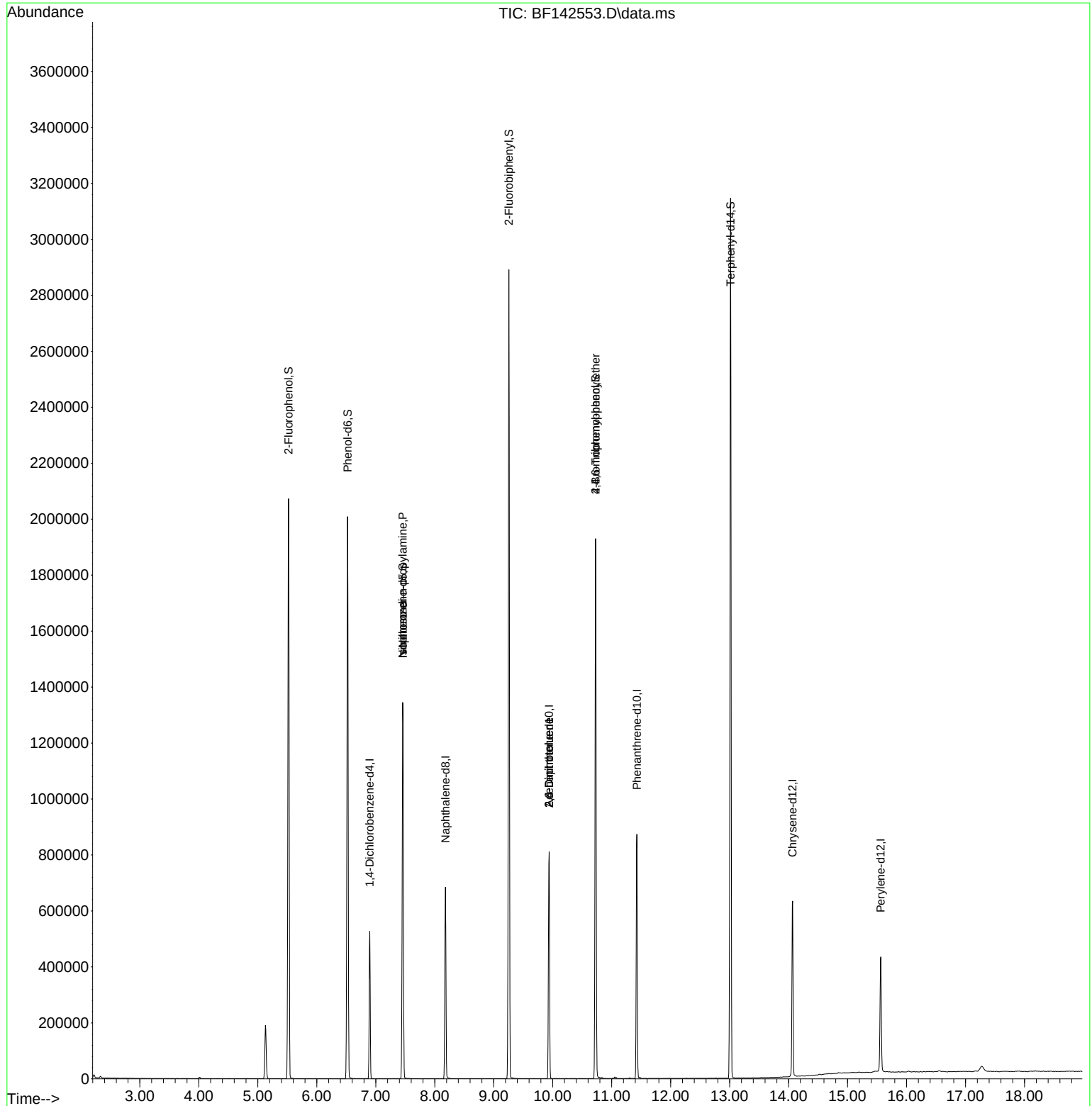
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	114062	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	442454	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	252563	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	462210	20.000	ng	0.00
76) Chrysene-d12	14.068	240	316384	20.000	ng	0.00
86) Perylene-d12	15.563	264	245236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	834998	123.334	ng	0.00
7) Phenol-d6	6.522	99	1013448	124.353	ng	-0.01
23) Nitrobenzene-d5	7.457	82	622636	76.735	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	363733	129.760	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1351125	71.785	ng	-0.01
79) Terphenyl-d14	13.016	244	1607338	69.425	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	84147	16.660	ng	# 75
25) Isophorone	7.457	82	590286	43.511	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	33480	9.308	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	33480	7.127	ng	# 28
67) 4-Bromophenyl-phenylether	10.728	248	22695	4.153	ng	# 1

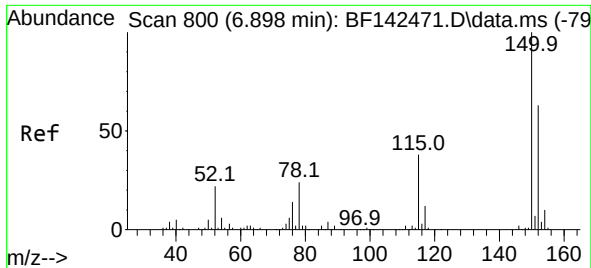
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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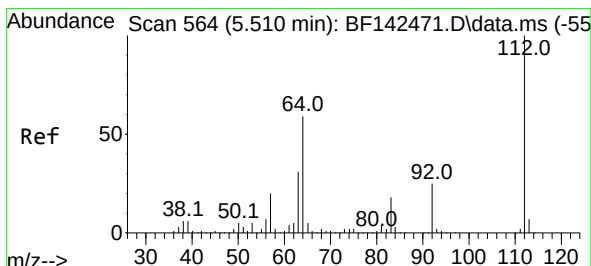
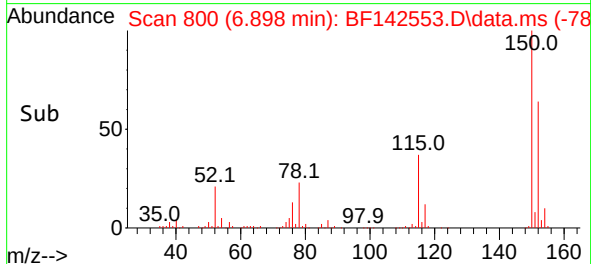
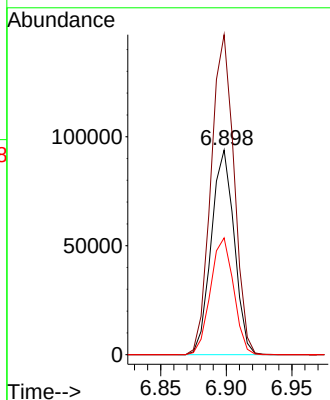
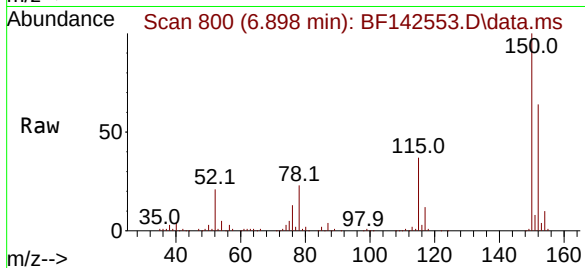




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

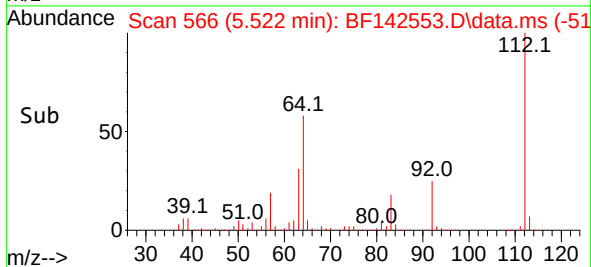
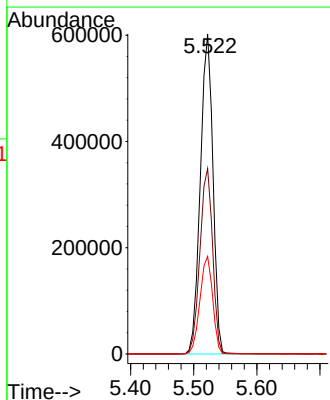
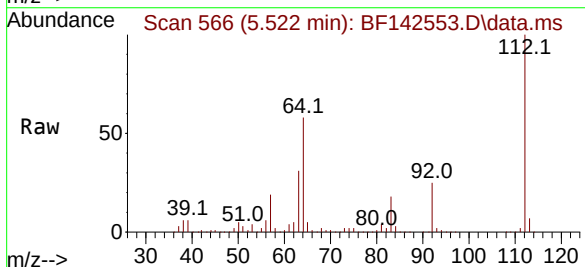
Instrument :
BNA_F
ClientSampleId :
PB168148BL

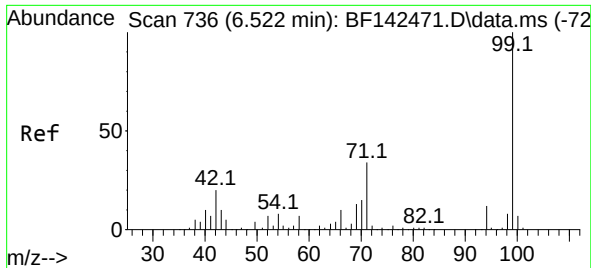
Tgt Ion:152 Resp: 114062
Ion Ratio Lower Upper
152 100
150 156.4 128.2 192.4
115 57.1 48.3 72.5



#5
2-Fluorophenol
Concen: 123.334 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion:112 Resp: 834998
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 30.5 24.9 37.3

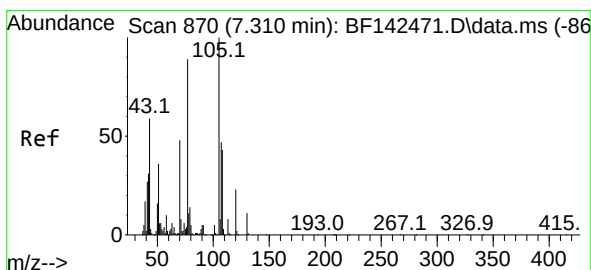
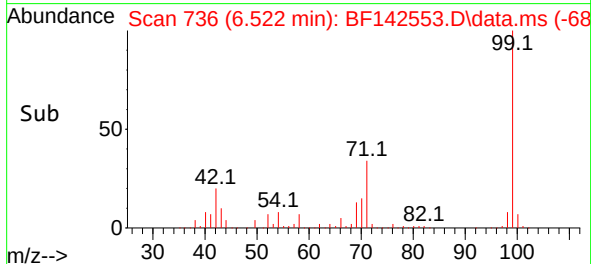
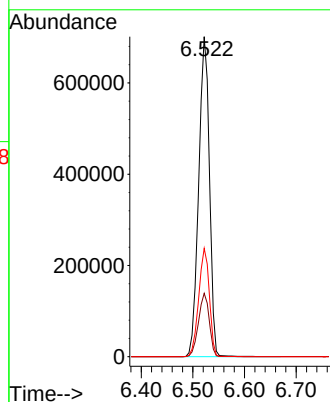
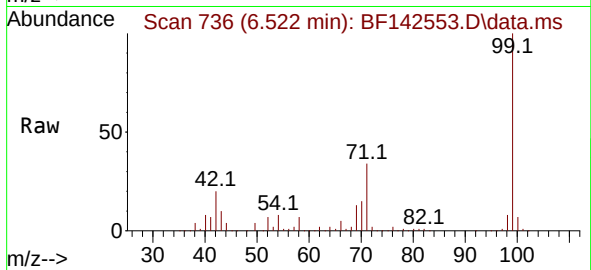




#7
Phenol-d6
Concen: 124.353 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

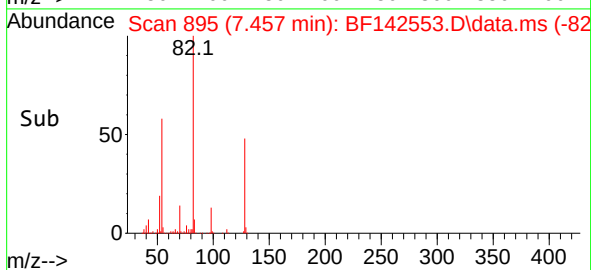
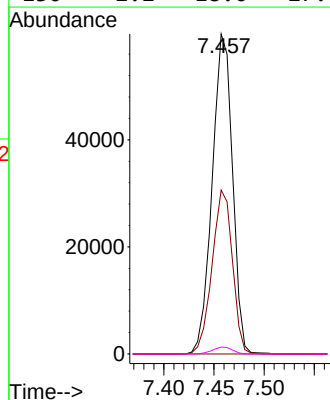
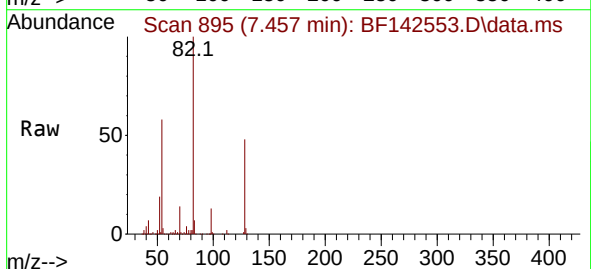
Instrument :
BNA_F
ClientSampleId :
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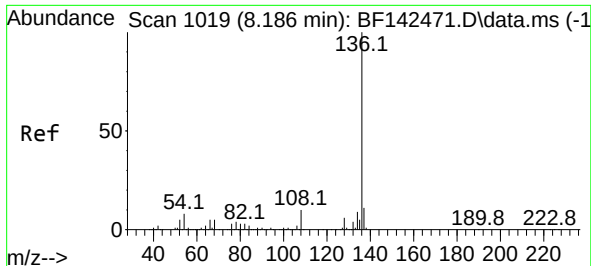
Tgt Ion: 99 Resp: 1013448
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.8 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.660 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion: 70 Resp: 84147
Ion Ratio Lower Upper
70 100
42 51.2 52.4 78.6#
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#

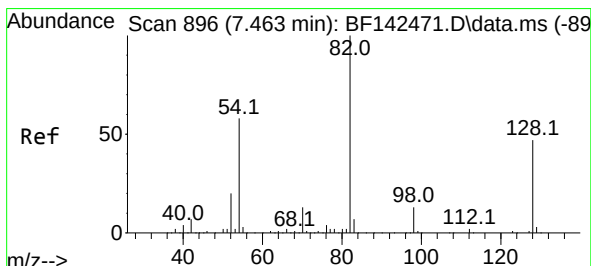
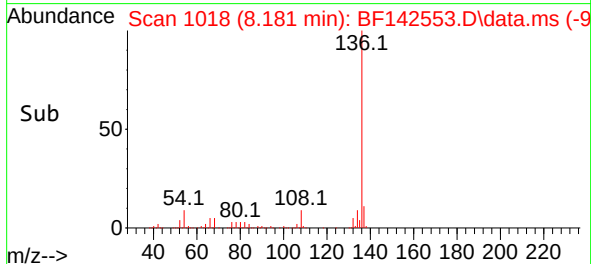
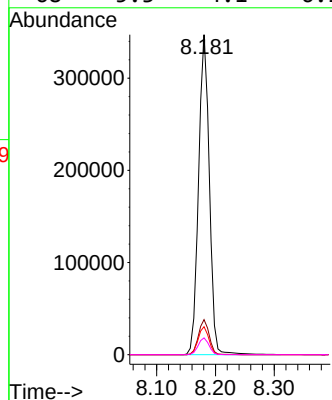
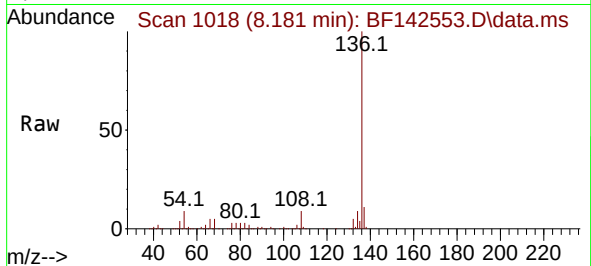




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

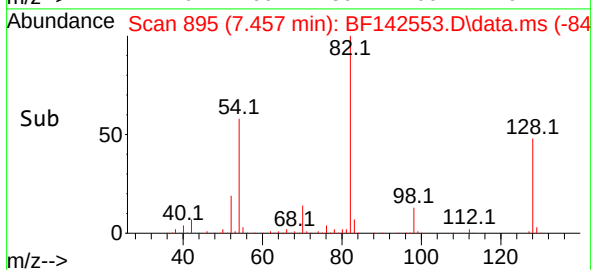
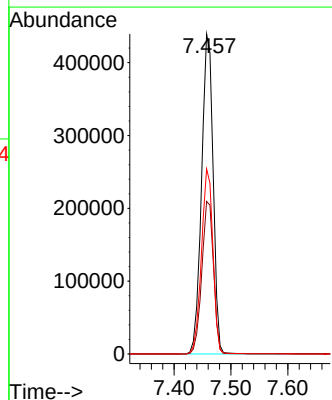
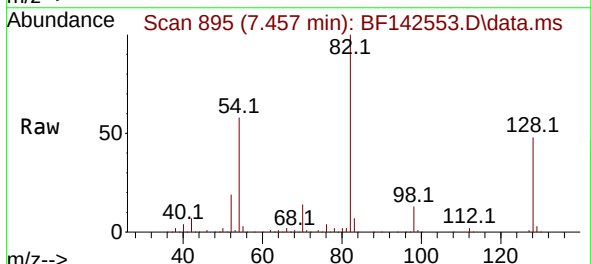
Instrument :
BNA_F
ClientSampleId :
PB168148BL

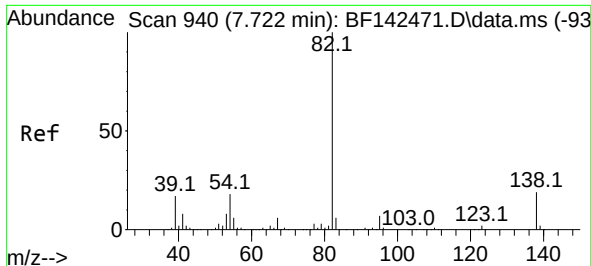
Tgt Ion:136 Resp: 442454
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.6 10.0
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 76.735 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion: 82 Resp: 622636
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.2
54 57.9 46.6 70.0

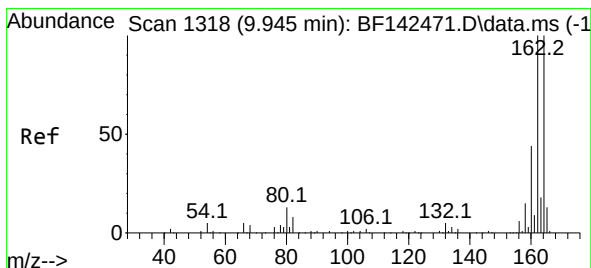
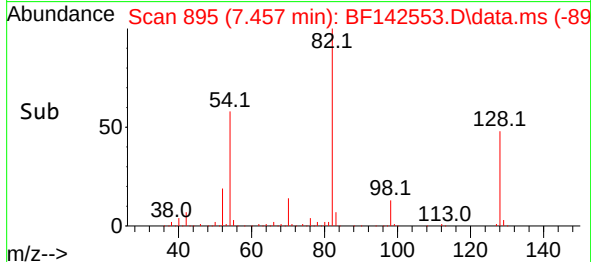
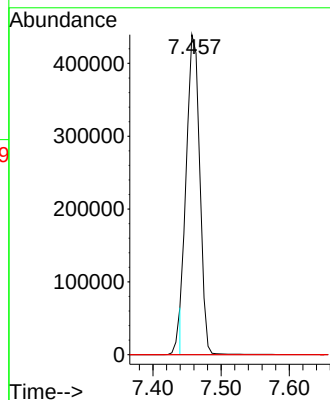
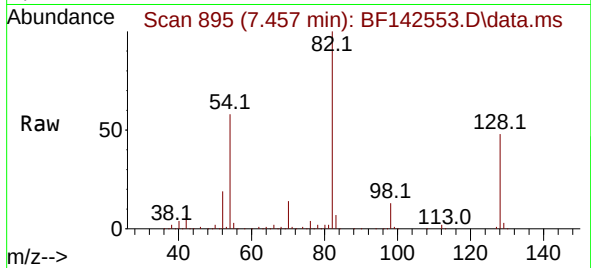




#25
Isophorone
Concen: 43.511 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

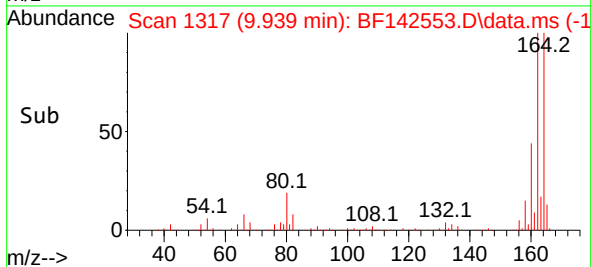
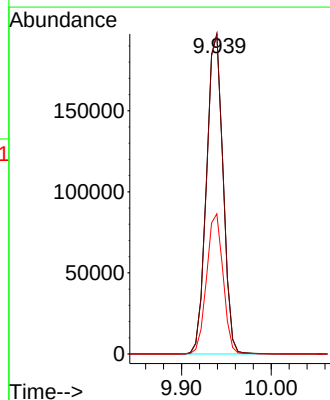
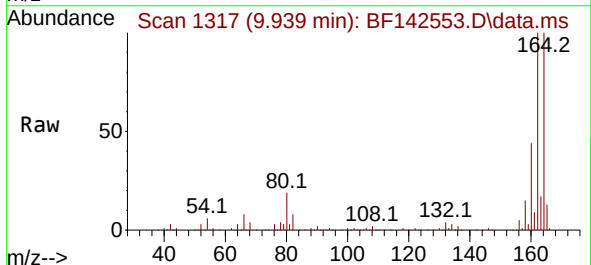
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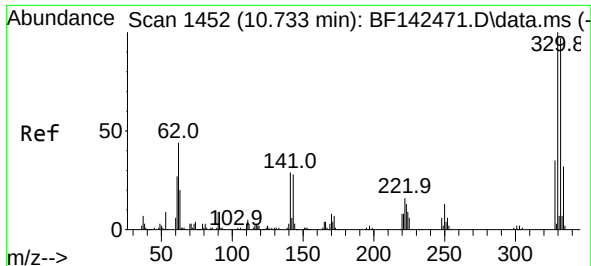
Tgt Ion: 82 Resp: 590286
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion:164 Resp: 252563
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.4
160 43.8 35.6 53.4

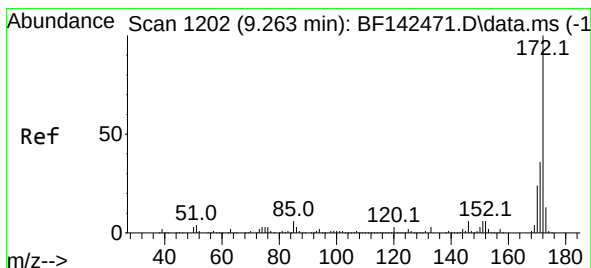
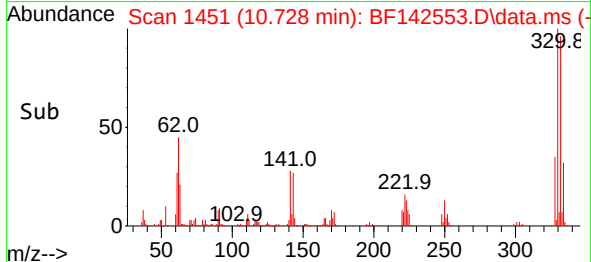
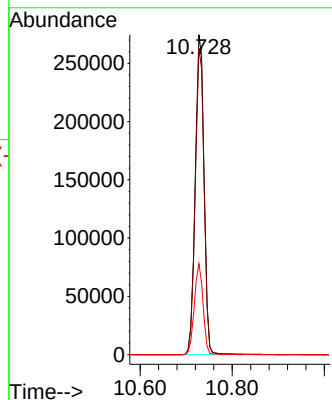
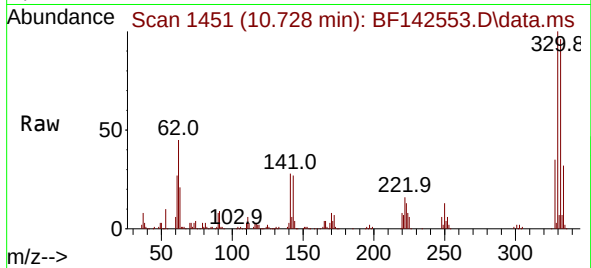




#42
 2,4,6-Tribromophenol
 Concen: 129.760 ng
 RT: 10.728 min Scan# 1452
 Delta R.T. -0.012 min
 Lab File: BF142553.D
 Acq: 27 May 2025 10:45

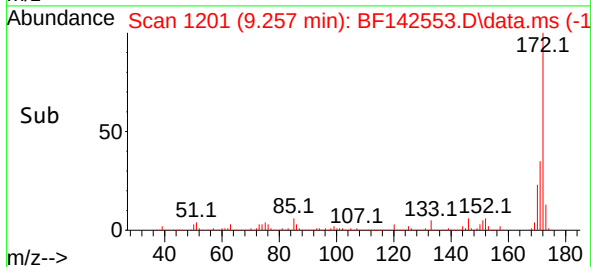
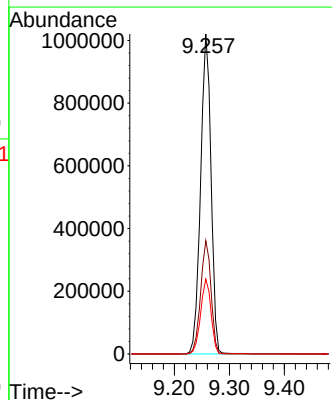
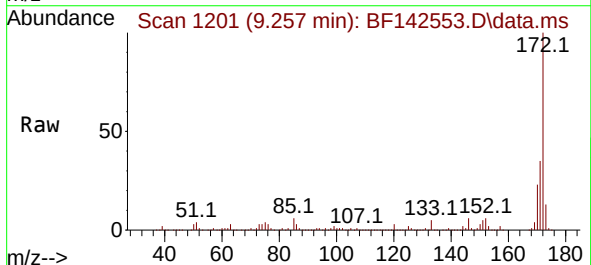
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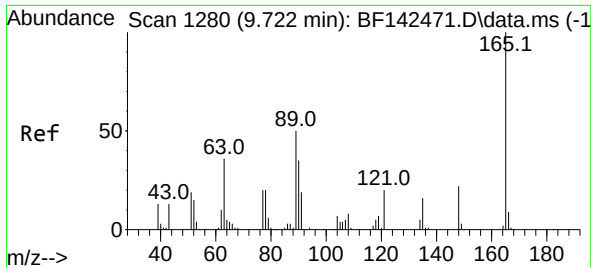
Tgt Ion: 330 Resp: 363733
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 28.2 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 71.785 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF142553.D
 Acq: 27 May 2025 10:45

Tgt Ion: 172 Resp: 1351125
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.4 18.9 28.3

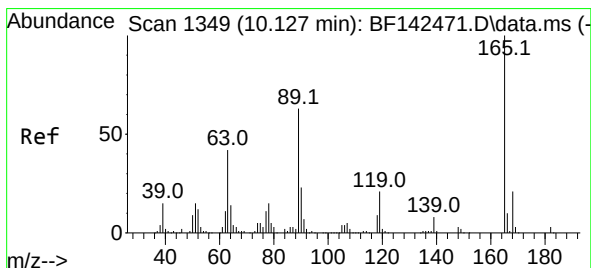
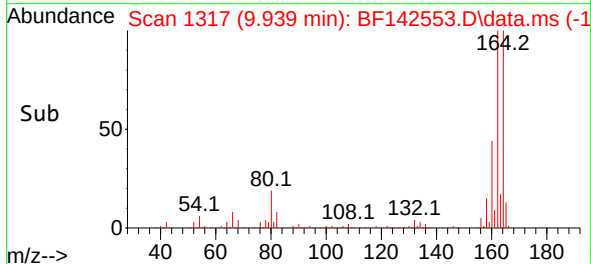
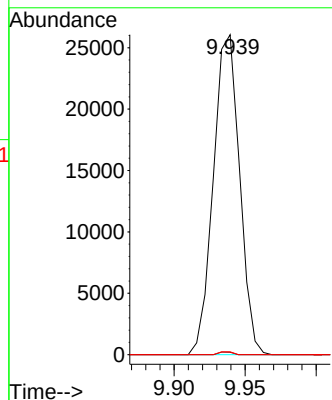
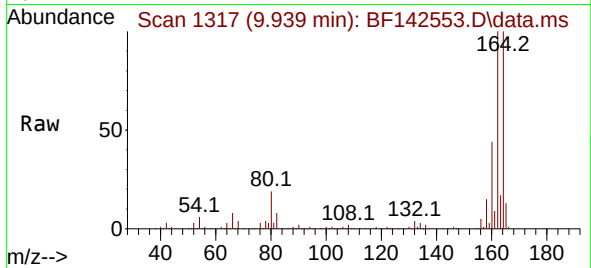




#51
2,6-Dinitrotoluene
Concen: 9.308 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

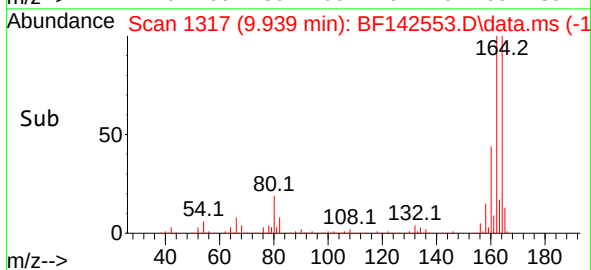
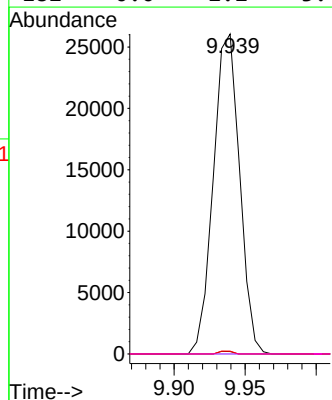
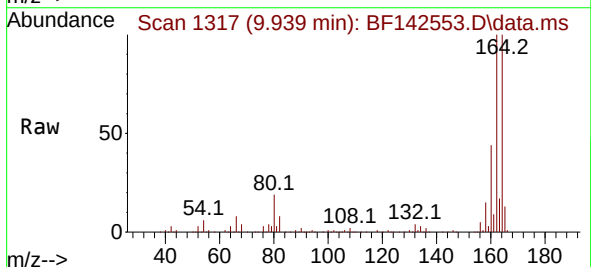
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PB168148BL

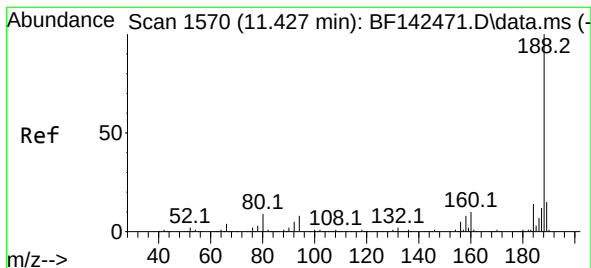
Tgt Ion:165 Resp: 33480
Ion Ratio Lower Upper
165 100
63 0.7 42.9 64.3#
89 0.9 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 7.127 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

Tgt Ion:165 Resp: 33480
Ion Ratio Lower Upper
165 100
63 0.7 33.6 50.4#
89 0.9 50.2 75.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142553.D

Acq: 27 May 2025 10:45

Instrument :

BNA_F

ClientSampleId :

PB168148BL

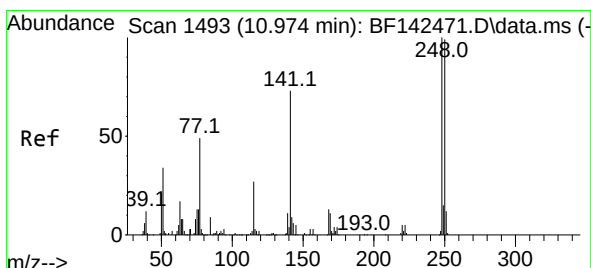
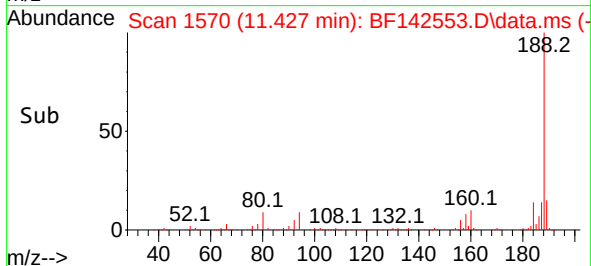
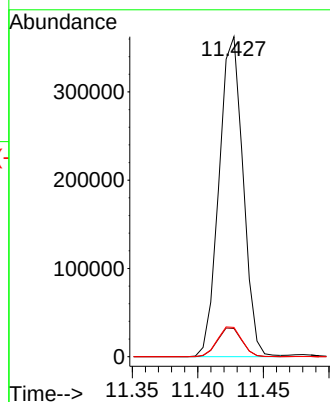
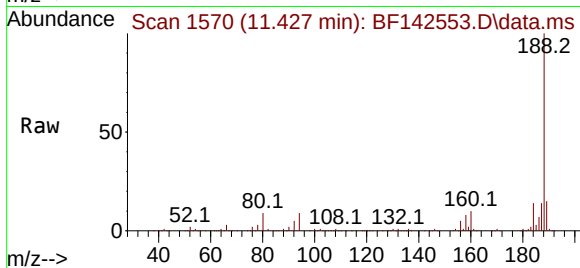
Tgt Ion:188 Resp: 462210

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.1 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.153 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142553.D

Acq: 27 May 2025 10:45

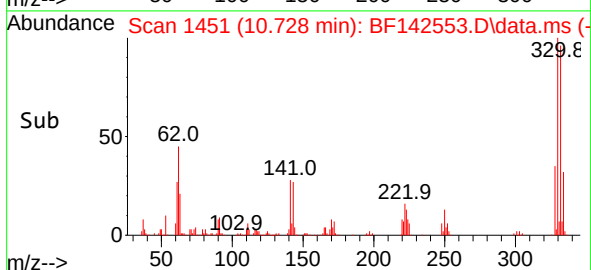
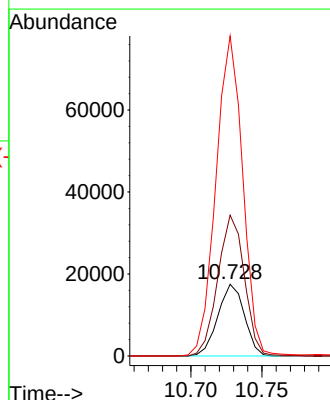
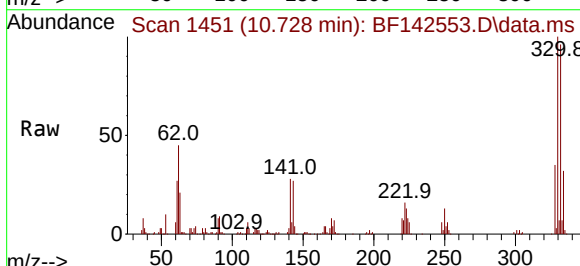
Tgt Ion:248 Resp: 22695

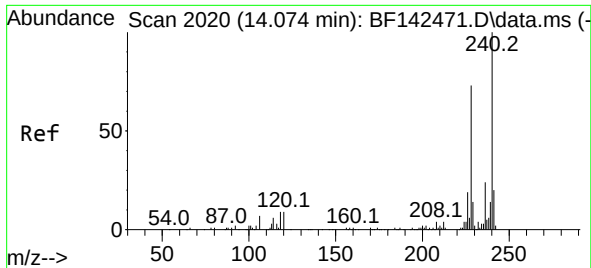
Ion Ratio Lower Upper

248 100

250 196.5 79.0 118.4#

141 446.8 58.4 87.6#

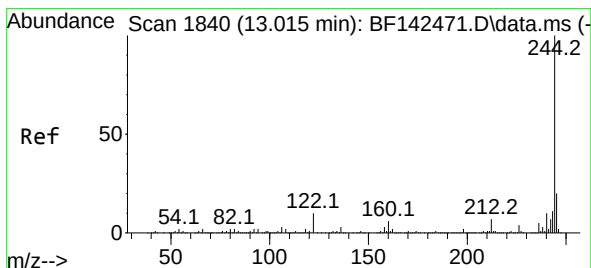
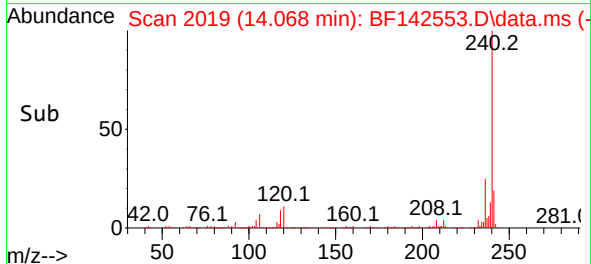
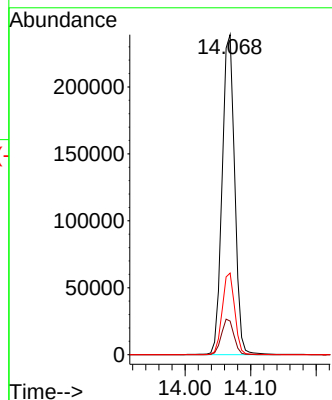
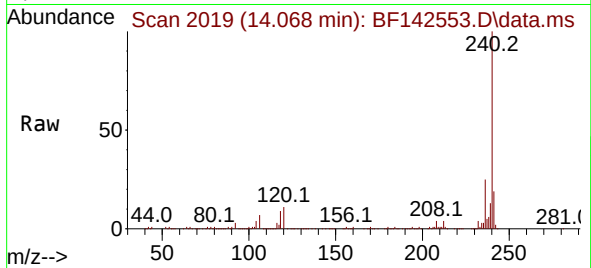




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

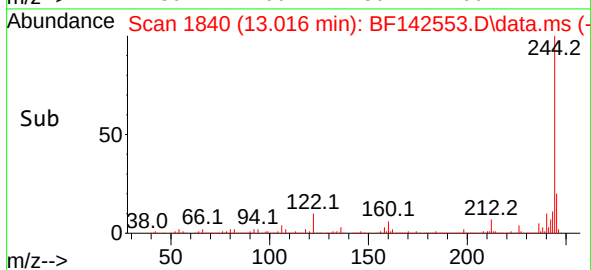
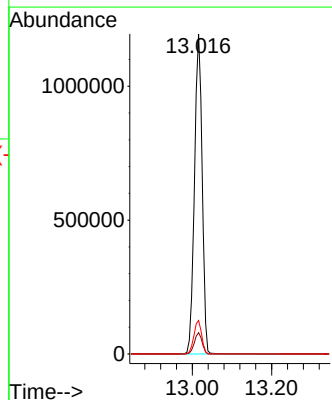
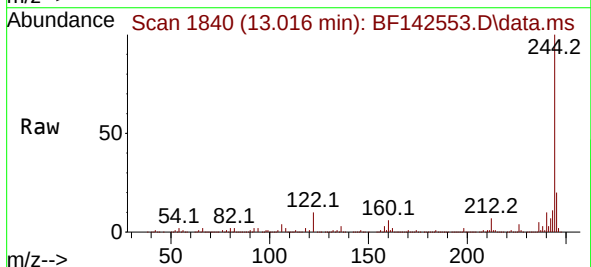
Instrument :
BNA_F
ClientSampleId :
PB168148BL

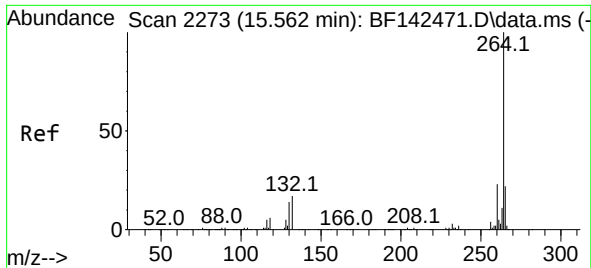
Tgt Ion:240 Resp: 316384
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.5 19.6 29.4



#79
Terphenyl-d14
Concen: 69.425 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142553.D
Acq: 27 May 2025 10:45

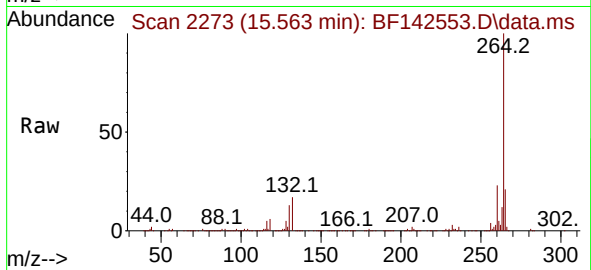
Tgt Ion:244 Resp: 1607338
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.4 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142553.D
 Acq: 27 May 2025 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB168148BL



Tgt Ion:264 Resp: 245236
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.1 17.7 26.5

