

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142665.D
 Acq On : 07 Jun 2025 02:08
 Operator : RC/JU
 Sample : PB168300BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BL

Quant Time: Jun 07 04:27:30 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

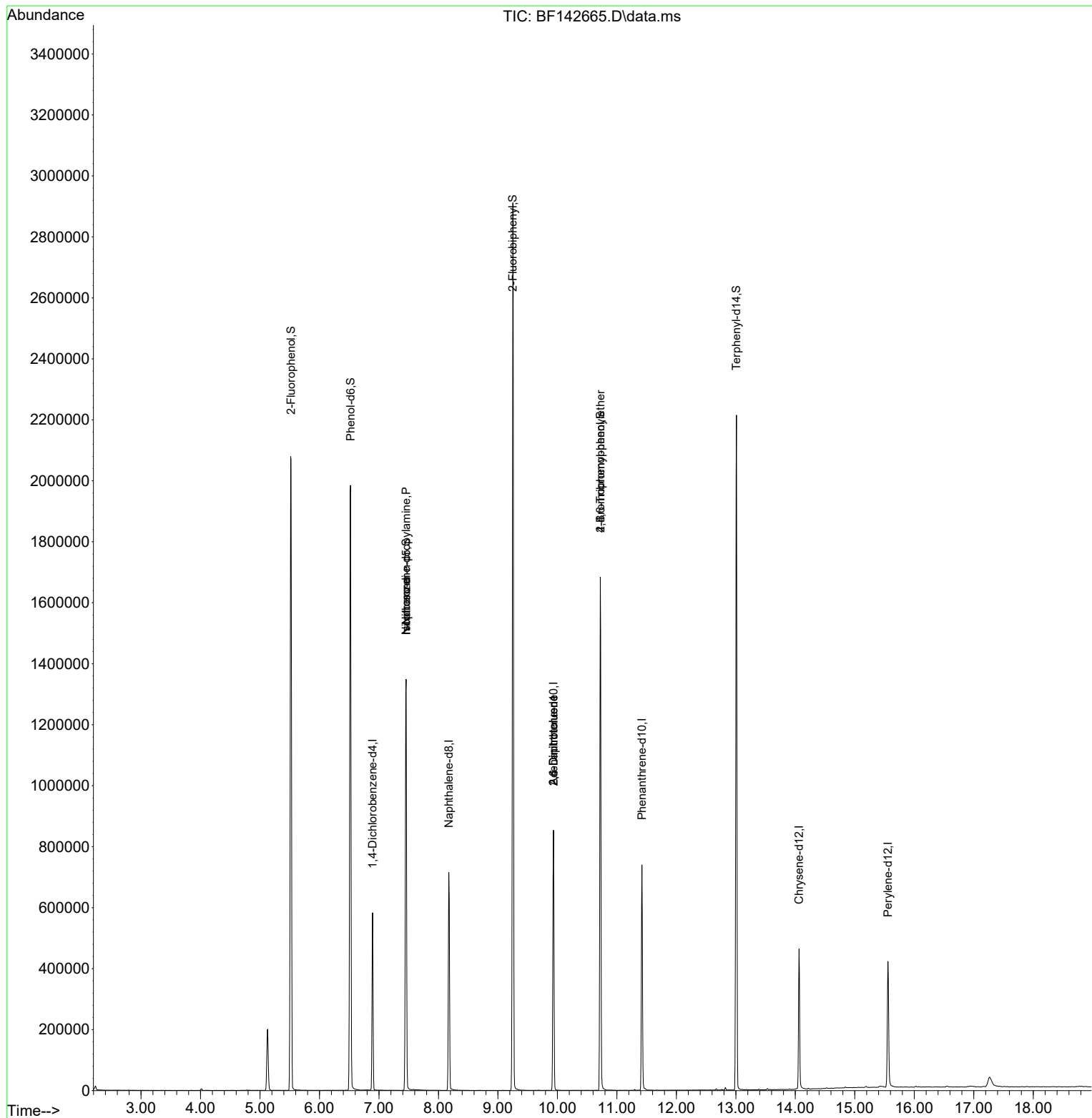
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	126882	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	489028	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	257170	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	402961	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	240009	20.000	ng	-0.01
86) Perylene-d12	15.556	264	266360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	873076	115.928	ng	0.00
7) Phenol-d6	6.522	99	1062277	117.175	ng	-0.01
23) Nitrobenzene-d5	7.457	82	650261	72.507	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	316800	110.992	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1385533	72.294	ng	-0.02
79) Terphenyl-d14	13.010	244	1109433	63.168	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	85515	15.220	ng	# 74
25) Isophorone	7.457	82	621919	41.477	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	33454	9.134	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	33454	6.994	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	19239	4.038	ng	# 1

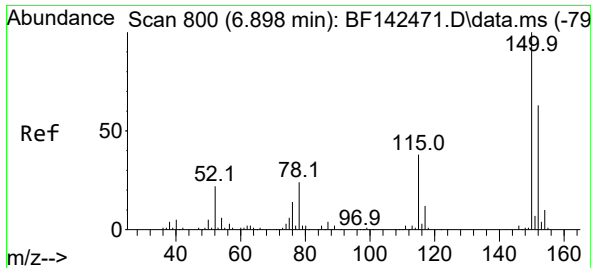
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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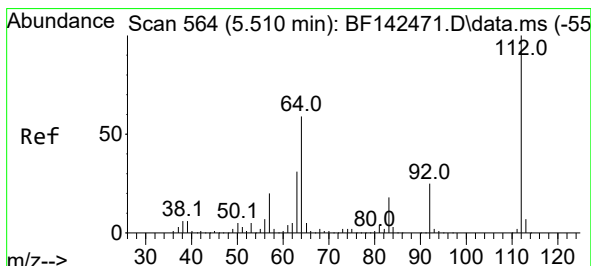
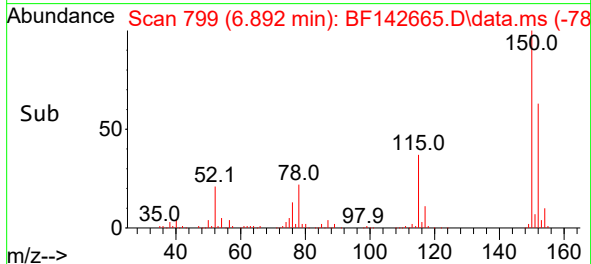
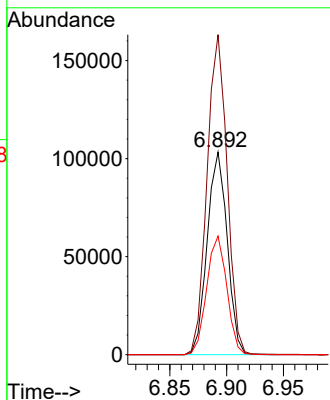
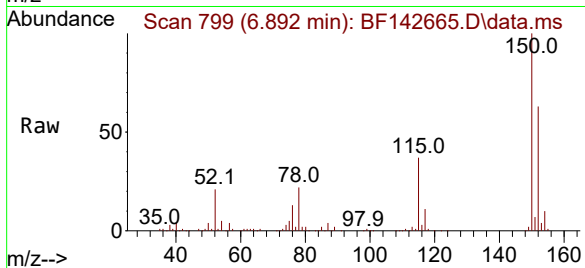




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142665.D
 Acq: 07 Jun 2025 02:08

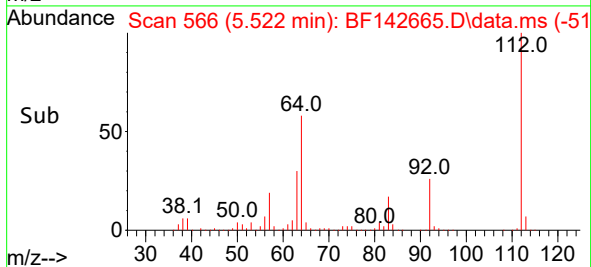
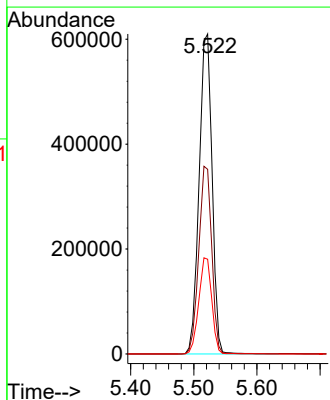
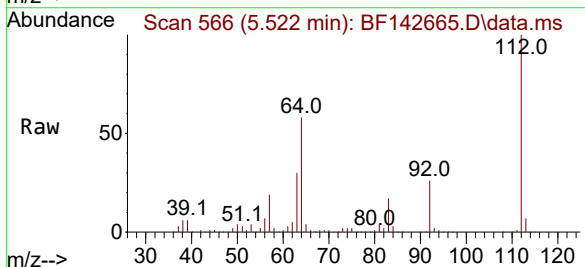
Instrument :
 BNA_F
 ClientSampleId :
 PB168300BL

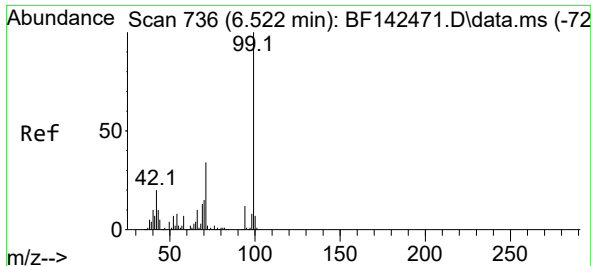
Tgt Ion:152 Resp: 126882
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.2 192.4
 115 58.5 48.3 72.5



#5
 2-Fluorophenol
 Concen: 115.928 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142665.D
 Acq: 07 Jun 2025 02:08

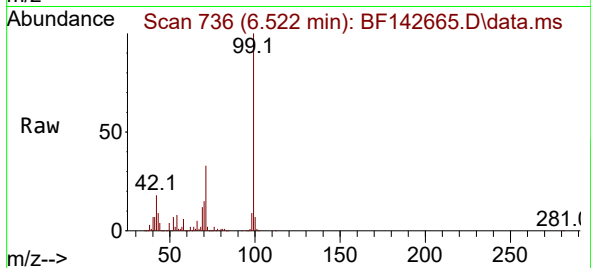
Tgt Ion:112 Resp: 873076
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.5 71.3
 63 29.6 24.9 37.3





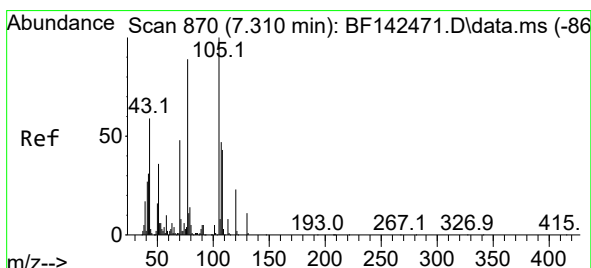
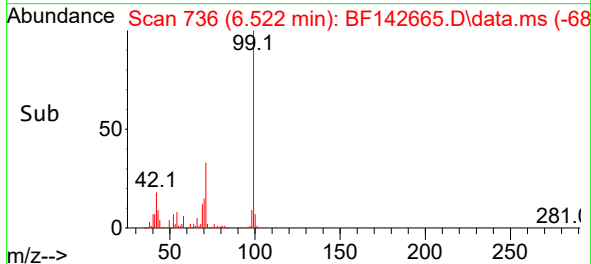
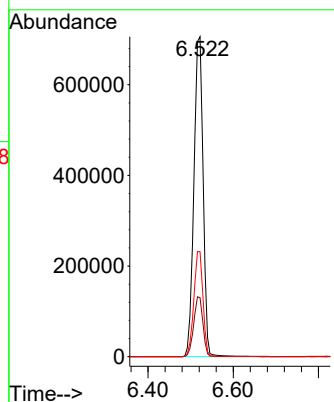
#7
Phenol-d6
Concen: 117.175 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Instrument :
BNA_F
ClientSampleId :
PB168300BL



Tgt Ion: 99 Resp: 1062277

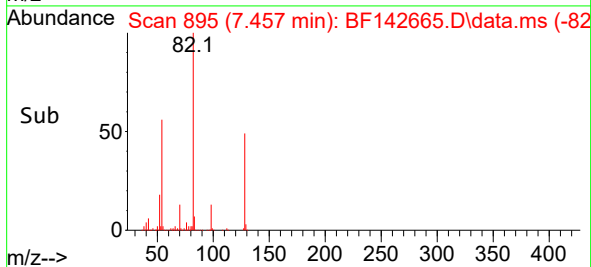
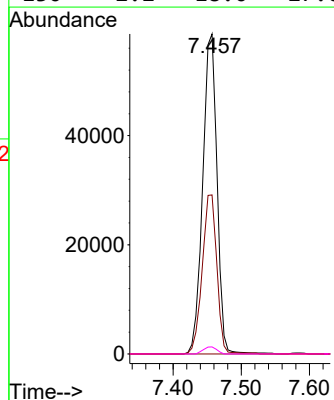
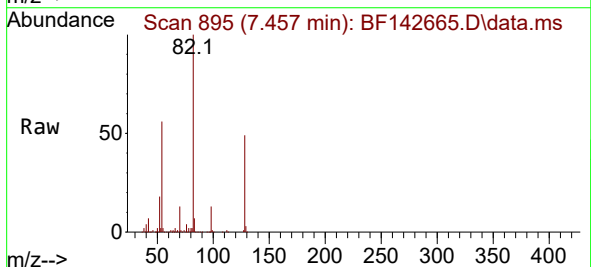
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.2	24.2
71	32.8	27.3	40.9

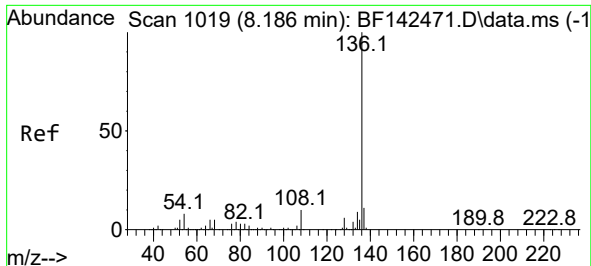


#19
n-Nitroso-di-n-propylamine
Concen: 15.220 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion: 70 Resp: 85515

Ion	Ratio	Lower	Upper
70	100		
42	49.7	52.4	78.6#
101	0.0	7.8	11.8#
130	2.2	18.0	27.0#

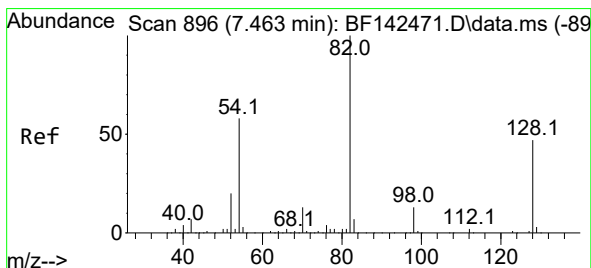
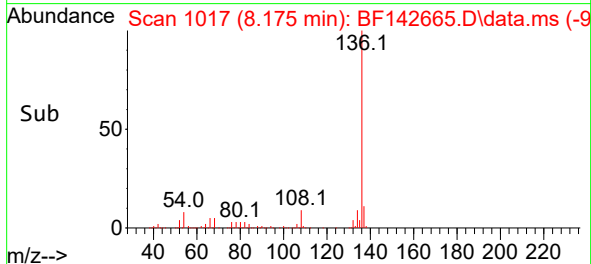
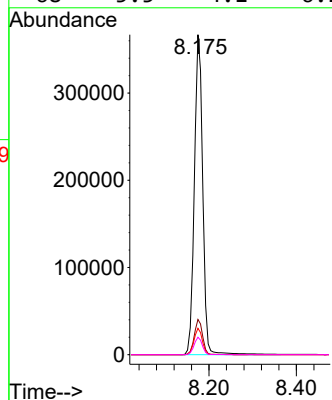
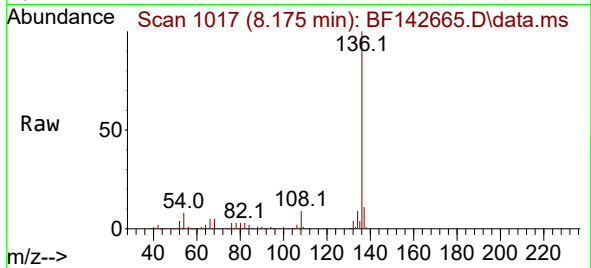




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

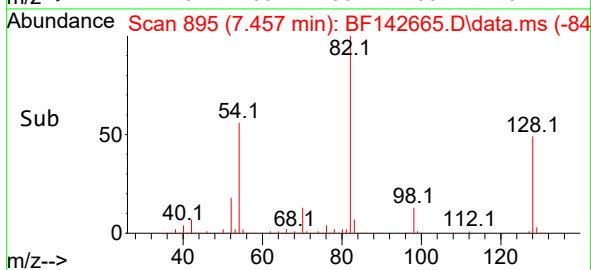
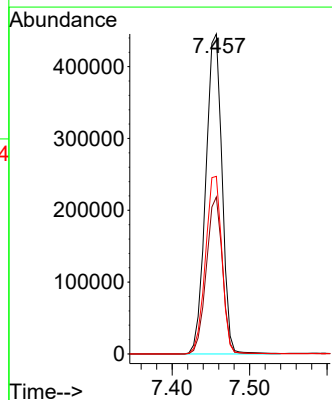
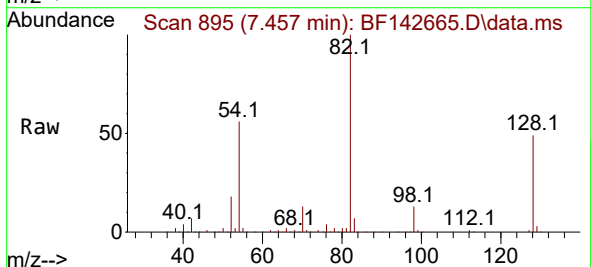
Instrument :
BNA_F
ClientSampleId :
PB168300BL

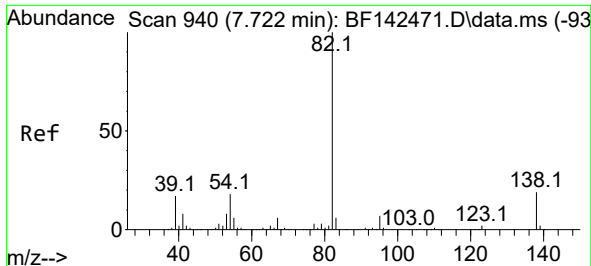
Tgt Ion:136 Resp: 489028
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 6.6 10.0
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 72.507 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion: 82 Resp: 650261
Ion Ratio Lower Upper
82 100
128 49.0 37.4 56.2
54 55.5 46.6 70.0

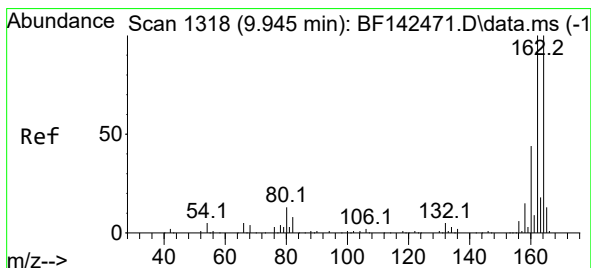
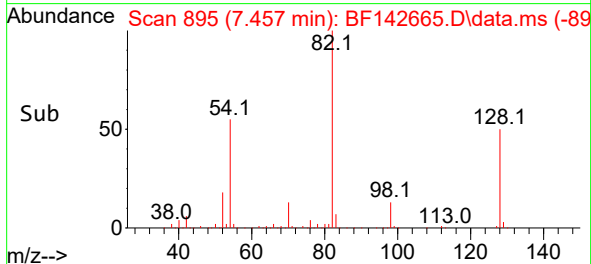
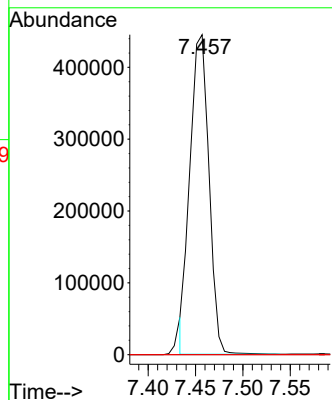
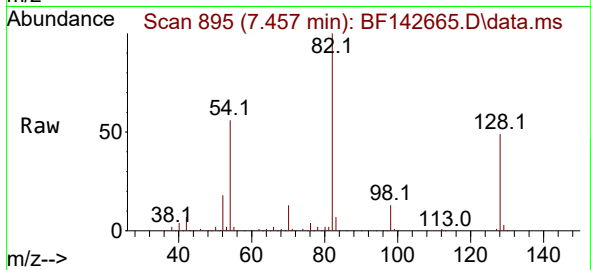




#25
Isophorone
Concen: 41.477 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

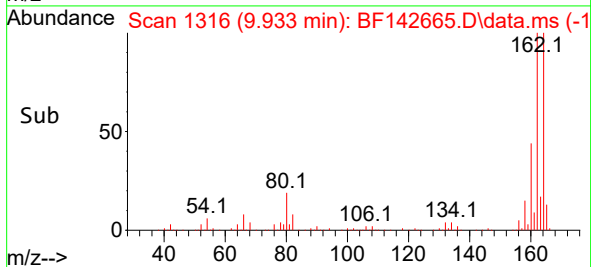
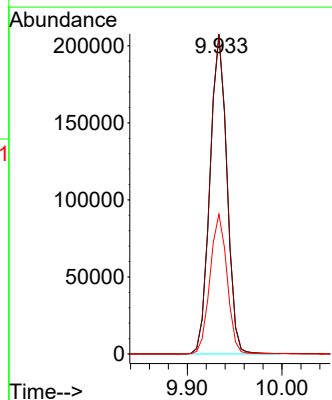
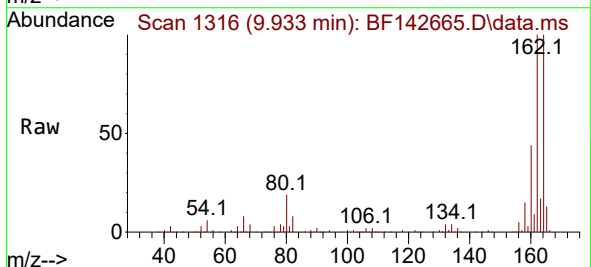
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ClientSampleId :
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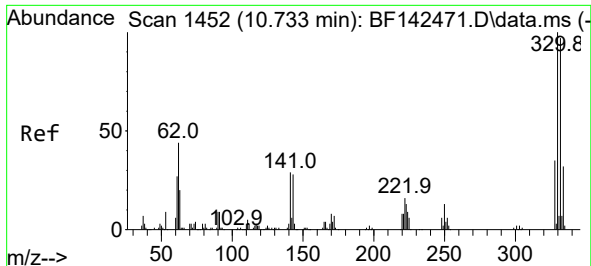
Tgt Ion: 82 Resp: 621919
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion:164 Resp: 257170
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.4
160 43.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 110.992 ng

RT: 10.722 min Scan# 14

Delta R.T. -0.018 min

Lab File: BF142665.D

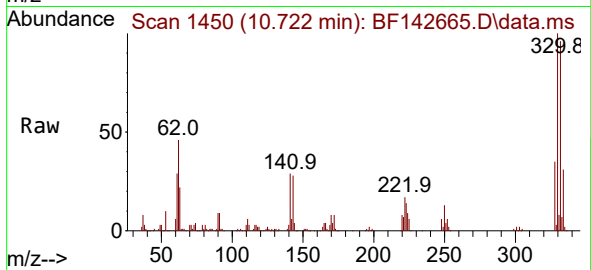
Acq: 07 Jun 2025 02:08

Instrument :

BNA_F

ClientSampleId :

PB168300BL



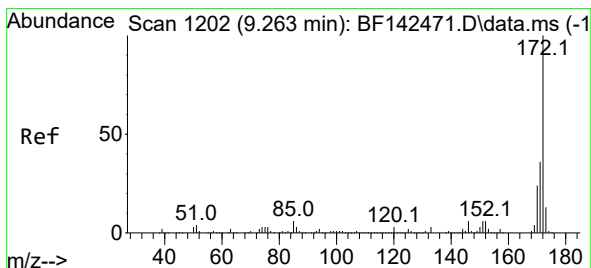
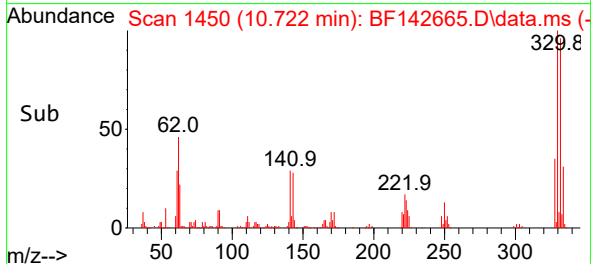
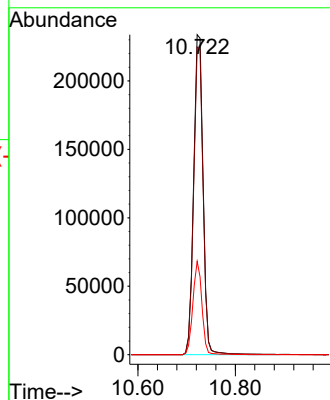
Tgt Ion:330 Resp: 316800

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 27.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 72.294 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142665.D

Acq: 07 Jun 2025 02:08

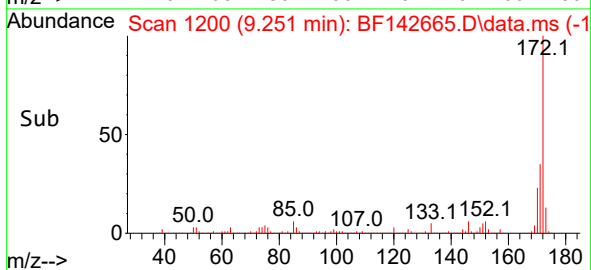
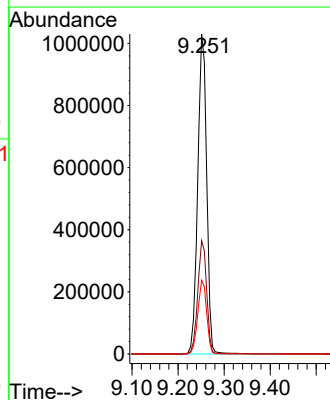
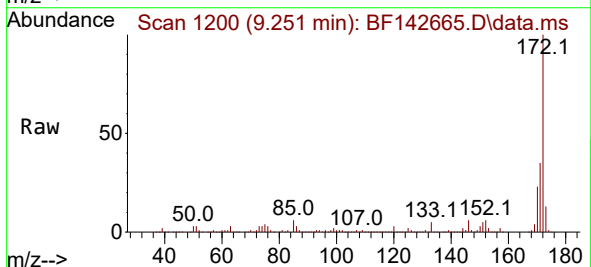
Tgt Ion:172 Resp: 1385533

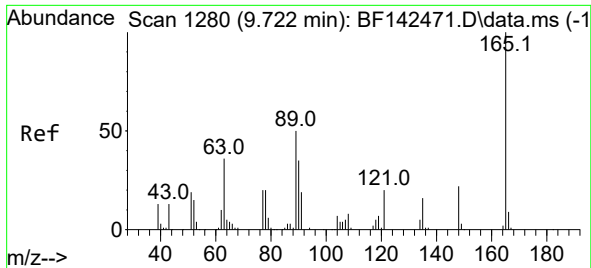
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.0 18.9 28.3

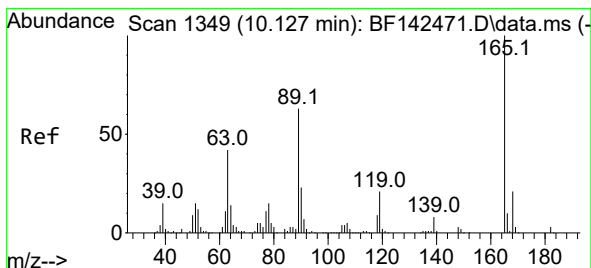
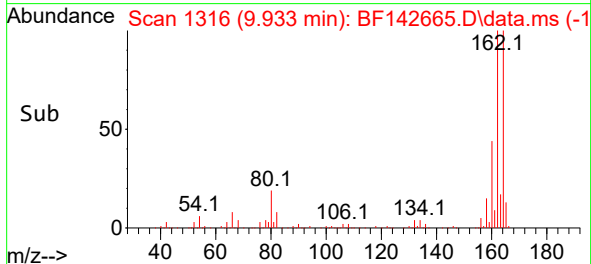
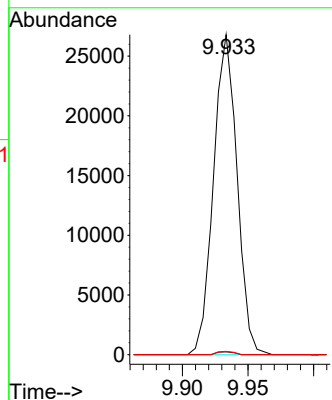
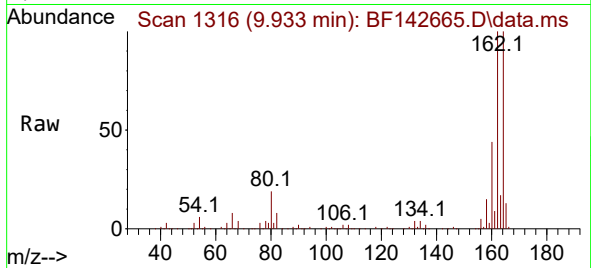




#51
2,6-Dinitrotoluene
Concen: 9.134 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

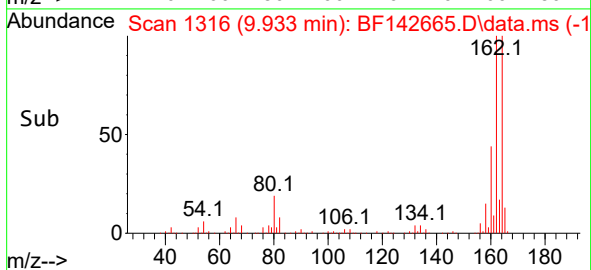
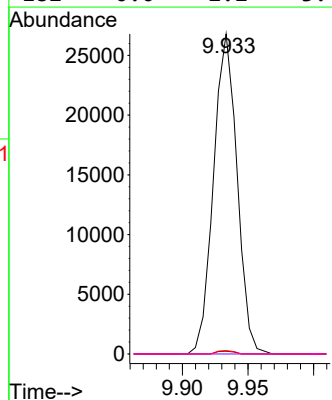
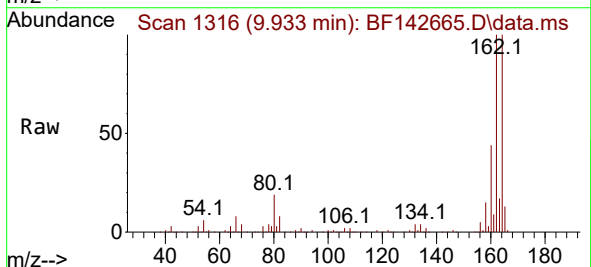
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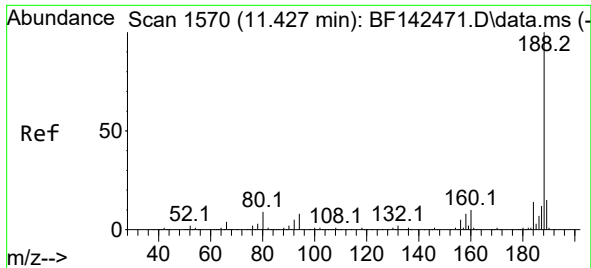
Tgt Ion:165 Resp: 33454
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 1.1 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.994 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion:165 Resp: 33454
Ion Ratio Lower Upper
165 100
63 0.8 33.6 50.4#
89 1.1 50.2 75.4#
182 0.0 2.2 3.4#

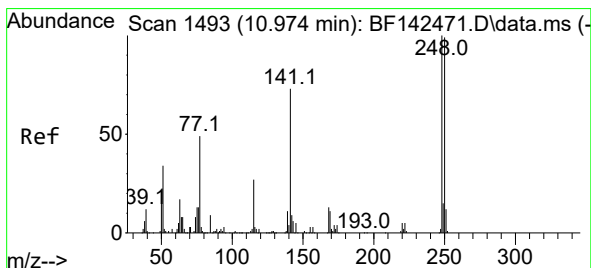
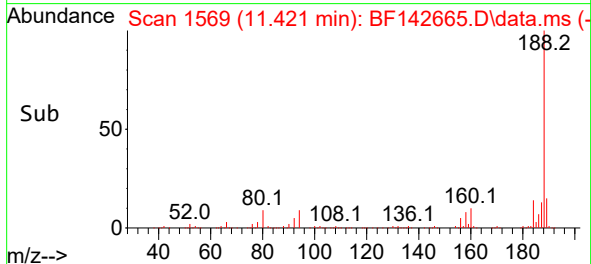
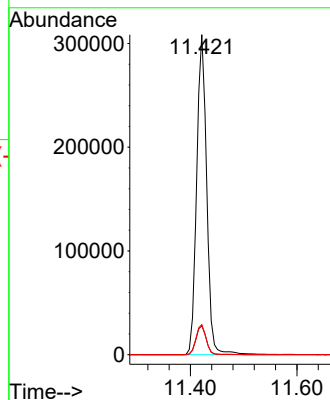
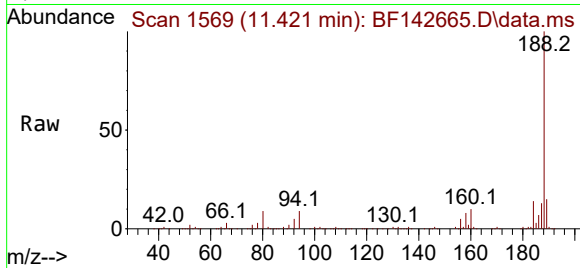




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

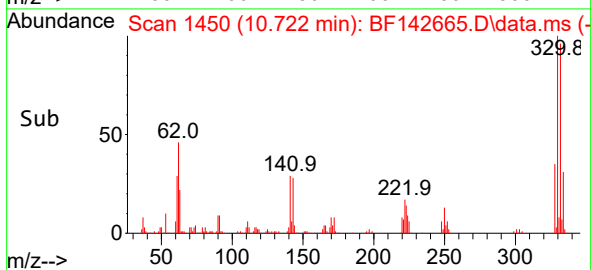
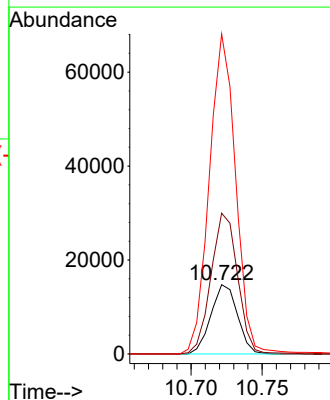
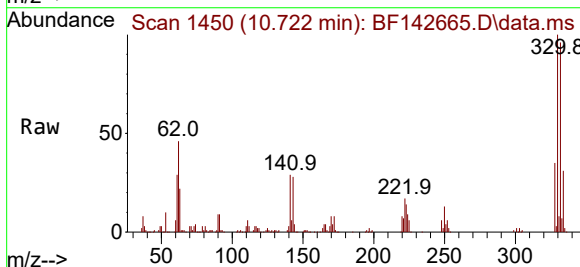
Instrument :
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PB168300BL

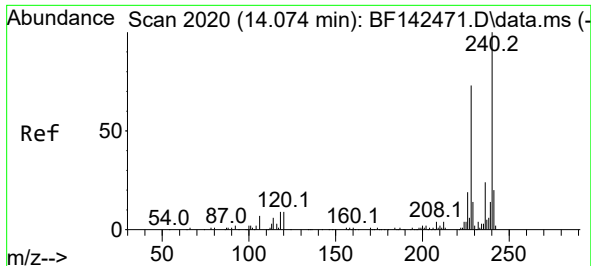
Tgt Ion:188 Resp: 402961
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.4 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.038 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

Tgt Ion:248 Resp: 19239
Ion Ratio Lower Upper
248 100
250 203.1 79.0 118.4#
141 461.5 58.4 87.6#

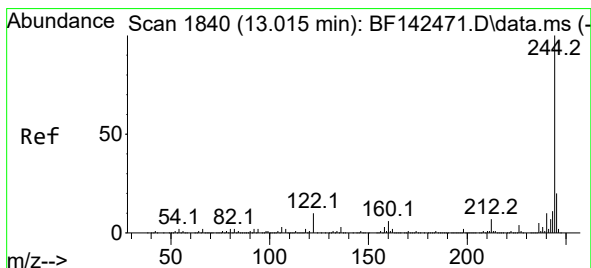
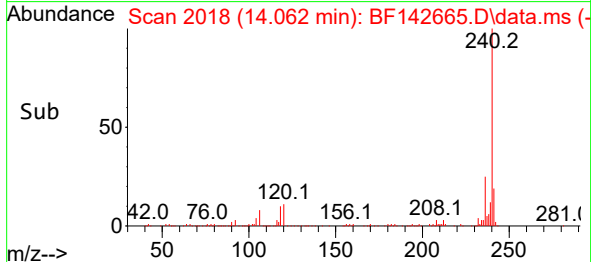
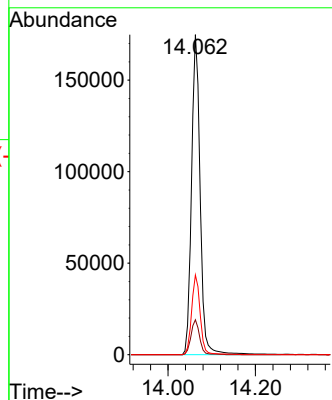
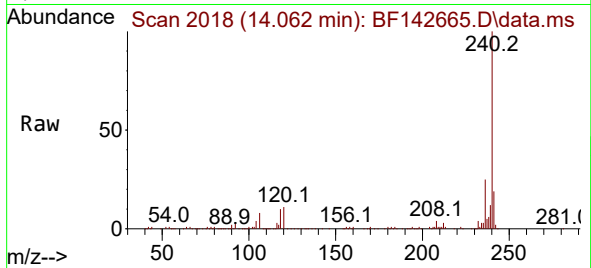




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

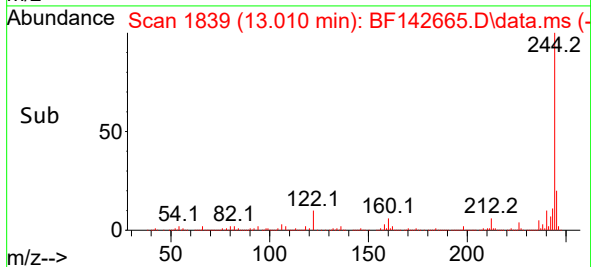
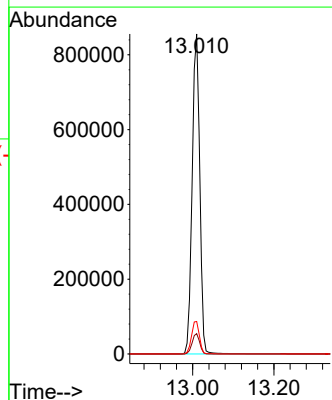
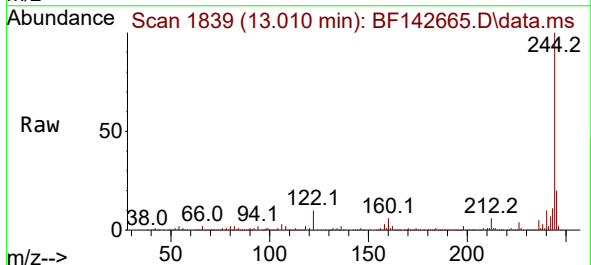
Instrument :
BNA_F
ClientSampleId :
PB168300BL

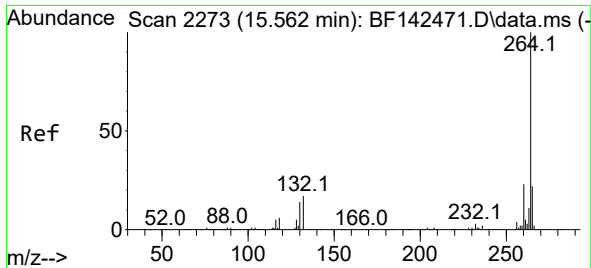
Tgt Ion:240 Resp: 240009
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 24.9 19.6 29.4



#79
Terphenyl-d14
Concen: 63.168 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142665.D
Acq: 07 Jun 2025 02:08

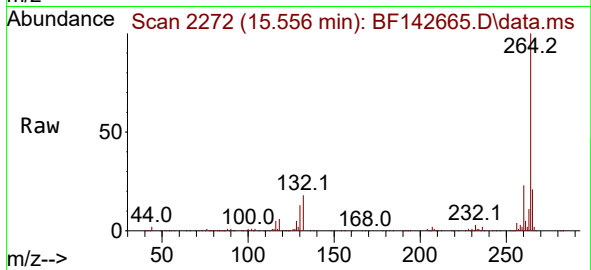
Tgt Ion:244 Resp: 1109433
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.2 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142665.D
 Acq: 07 Jun 2025 02:08

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BL



Tgt Ion:264 Resp: 266360
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.4 17.7 26.5

