

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142591.D
 Acq On : 02 Jun 2025 11:59
 Operator : RC/JU
 Sample : PB168219BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 12:43:02 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)

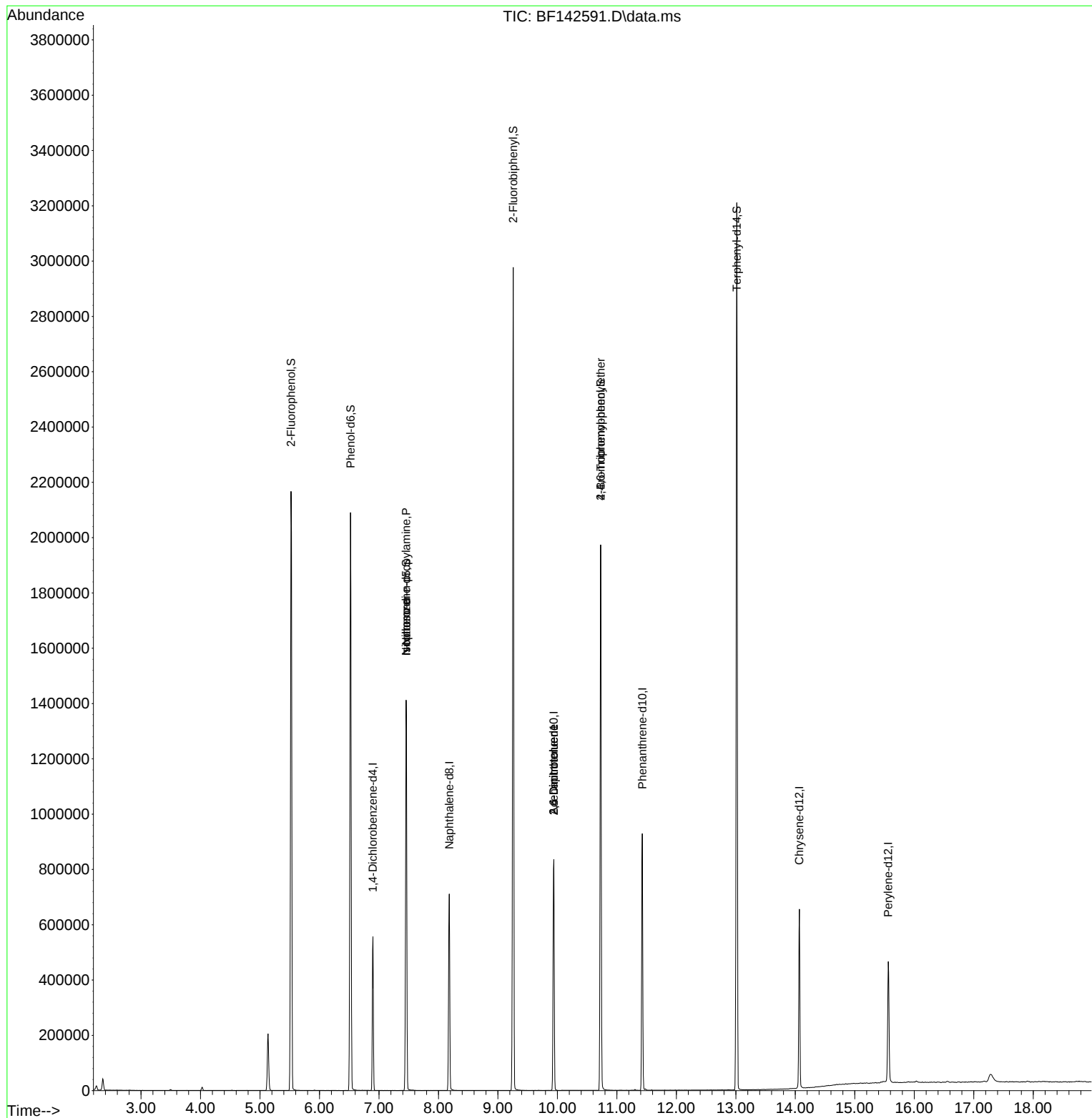
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123394	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	476779	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264921	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	486581	20.000	ng	0.00
76) Chrysene-d12	14.068	240	317589	20.000	ng	0.00
86) Perylene-d12	15.562	264	262091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	878104	119.892	ng	0.00
7) Phenol-d6	6.522	99	1054123	119.562	ng	-0.01
23) Nitrobenzene-d5	7.457	82	652840	74.665	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	365230	124.216	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1414422	71.642	ng	-0.01
79) Terphenyl-d14	13.016	244	1619103	69.668	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	87220	15.962	ng	# 76
25) Isophorone	7.457	82	615304	42.090	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	33988	9.009	ng	# 28
57) 2,4-Dinitrotoluene	9.939	165	33988	6.898	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	23309	4.051	ng	# 1

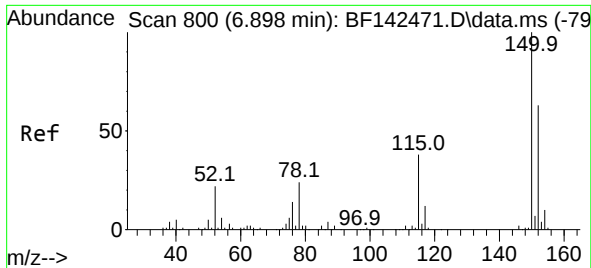
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142591.D
Acq On : 02 Jun 2025 11:59
Operator : RC/JU
Sample : PB168219BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

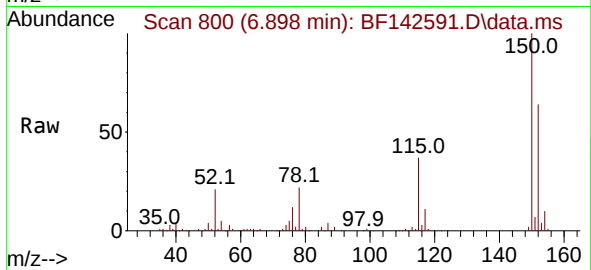
Quant Time: Jun 02 12:43:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



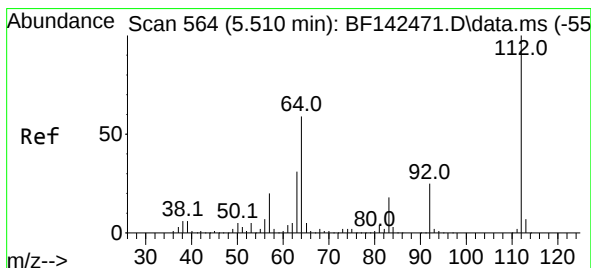
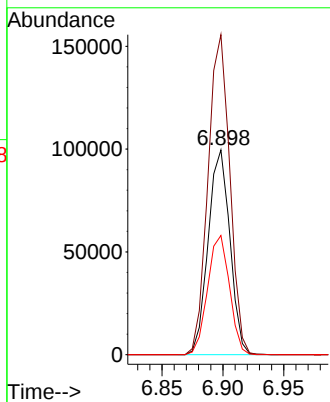
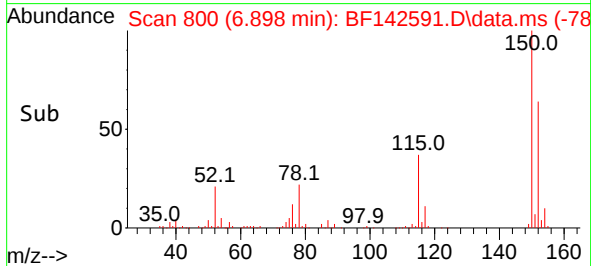


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142591.D
 Acq: 02 Jun 2025 11:59

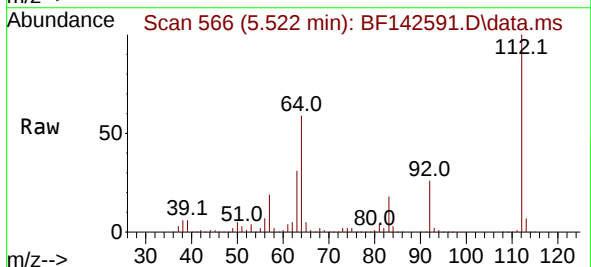
Instrument :
 BNA_F
 ClientSampleId :



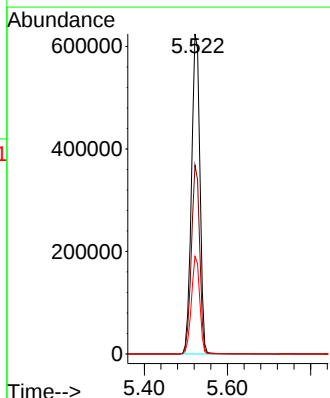
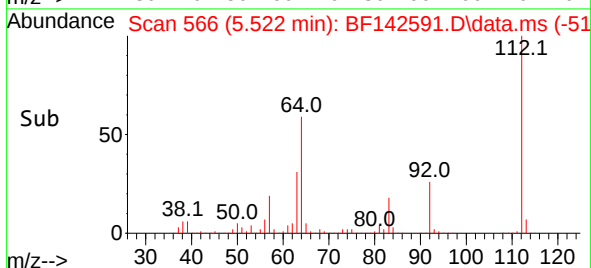
Tgt Ion:152 Resp: 123394
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.2 192.4
 115 58.2 48.3 72.5

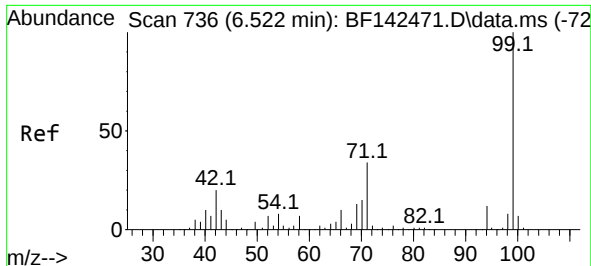


#5
 2-Fluorophenol
 Concen: 119.892 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142591.D
 Acq: 02 Jun 2025 11:59



Tgt Ion:112 Resp: 878104
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.5 71.3
 63 30.5 24.9 37.3

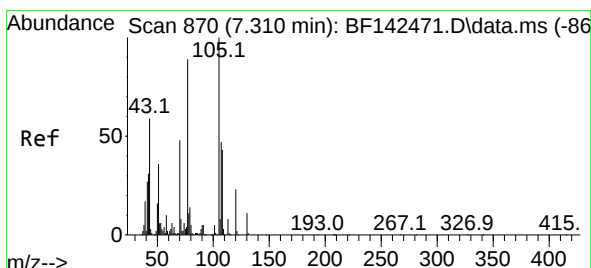
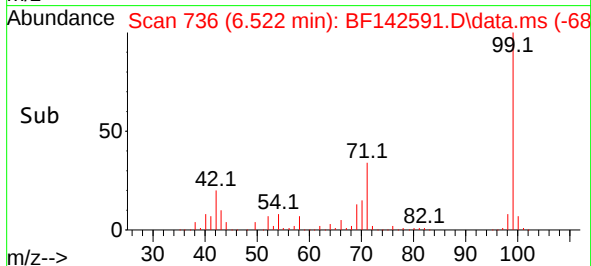
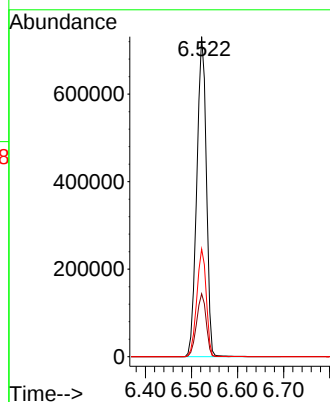
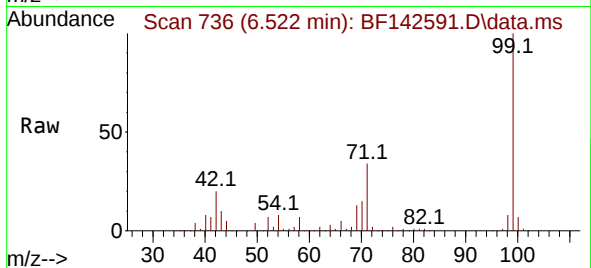




#7
Phenol-d6
Concen: 119.562 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

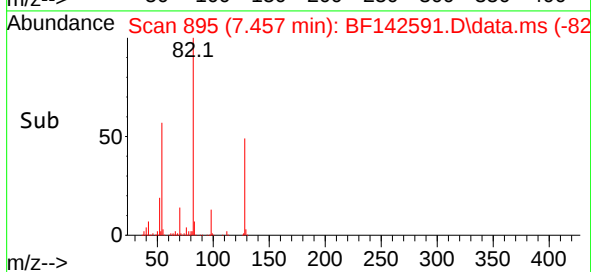
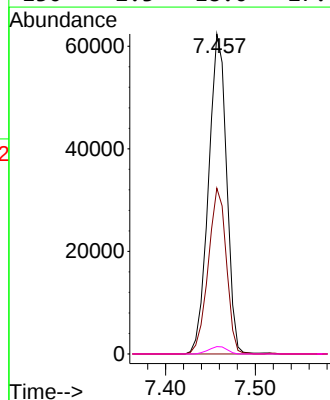
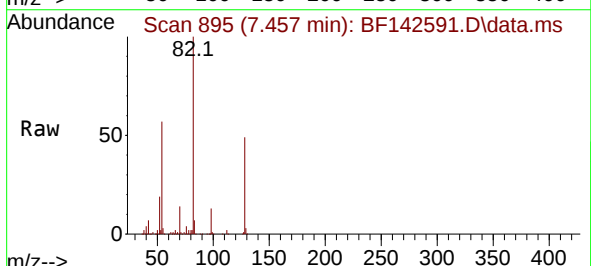
Instrument :
BNA_F
ClientSampleId :

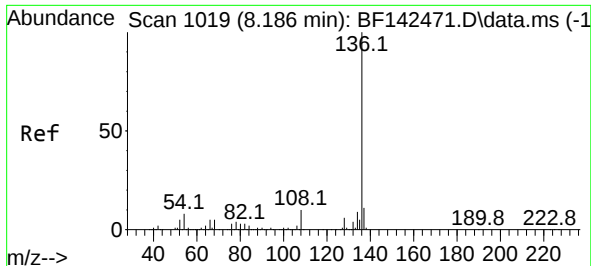
Tgt Ion: 99 Resp: 1054123
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.7 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.962 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

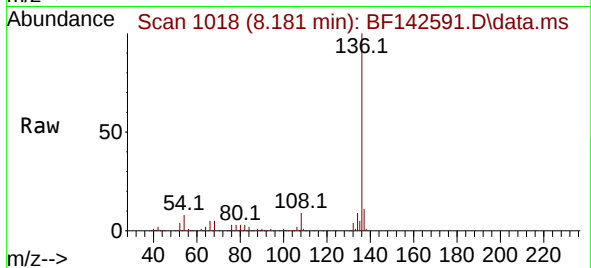
Tgt Ion: 70 Resp: 87220
Ion Ratio Lower Upper
70 100
42 51.8 52.4 78.6#
101 0.0 7.8 11.8#
130 2.3 18.0 27.0#



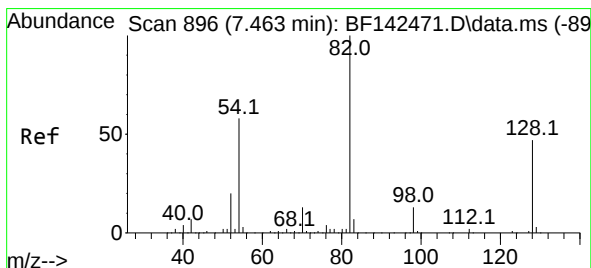
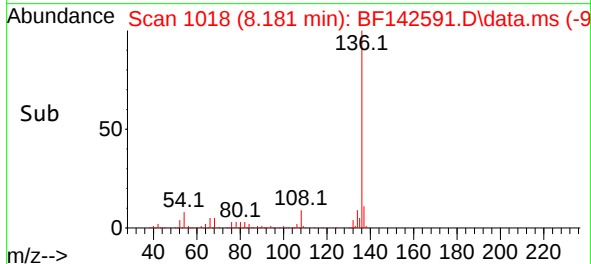
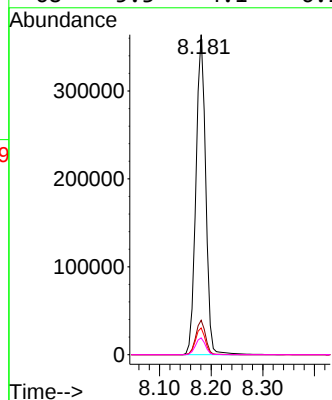


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Instrument :
BNA_F
ClientSampleId :

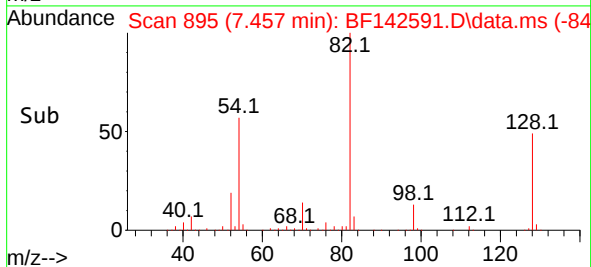
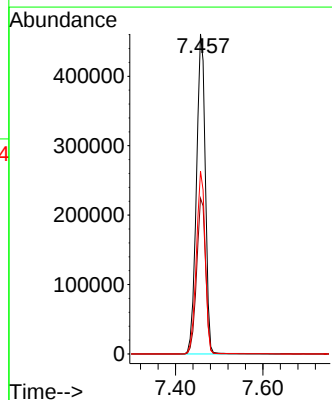
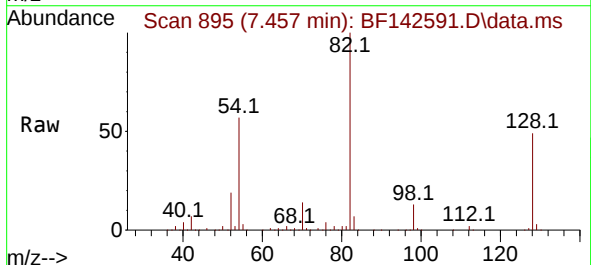


Tgt Ion:136 Resp: 476779
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.665 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

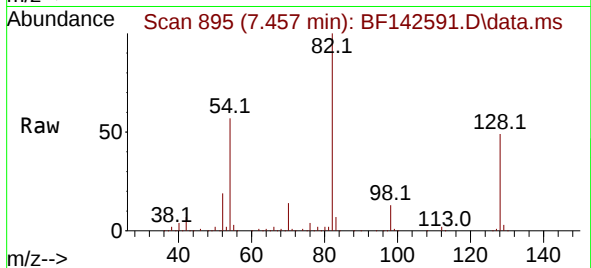
Tgt Ion: 82 Resp: 652840
Ion Ratio Lower Upper
82 100
128 48.6 37.4 56.2
54 57.1 46.6 70.0



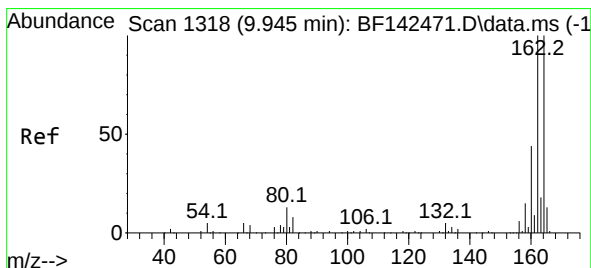
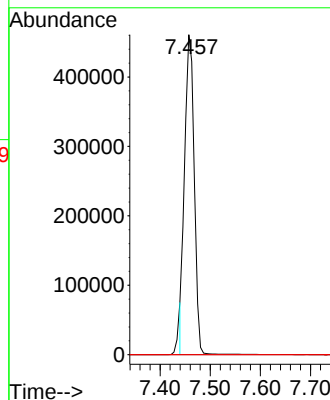
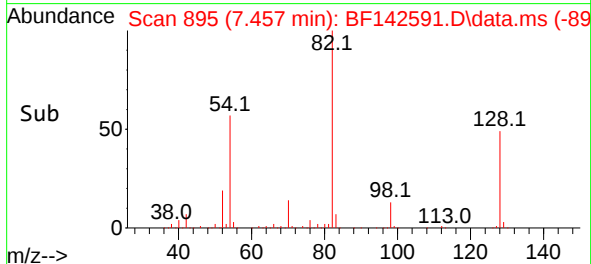


#25
Isophorone
Concen: 42.090 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Instrument :
BNA_F
ClientSampleId :

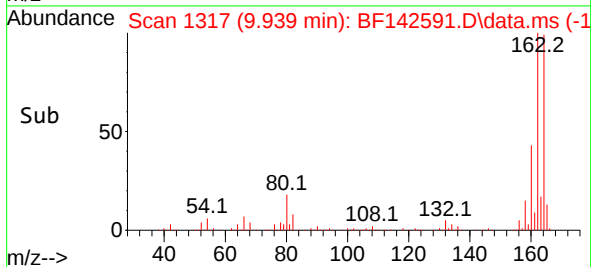
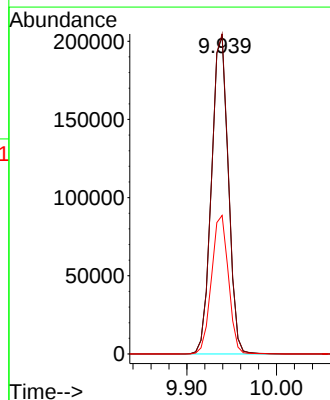
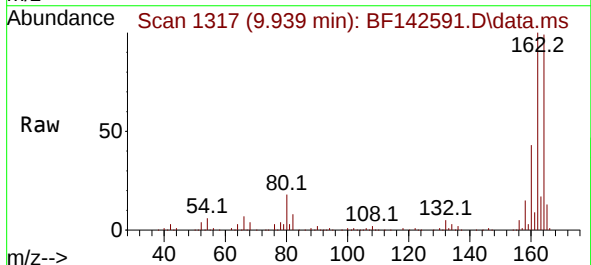


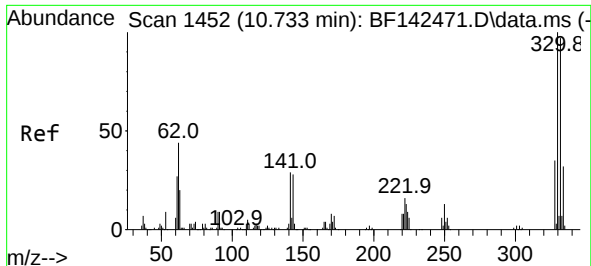
Tgt Ion: 82 Resp: 615304
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

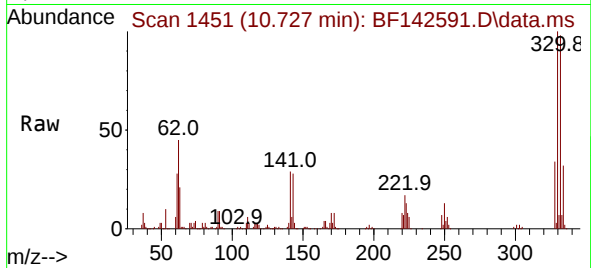
Tgt Ion:164 Resp: 264921
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.4
160 43.6 35.6 53.4



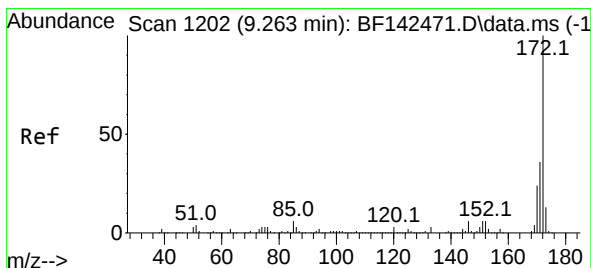
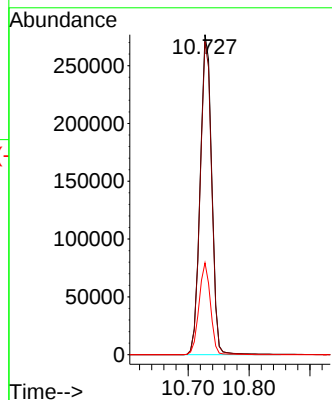
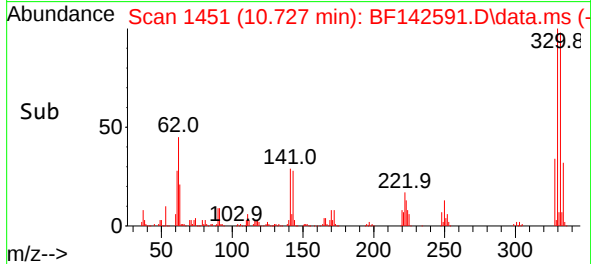


#42
2,4,6-Tribromophenol
Concen: 124.216 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Instrument :
BNA_F
ClientSampleId :

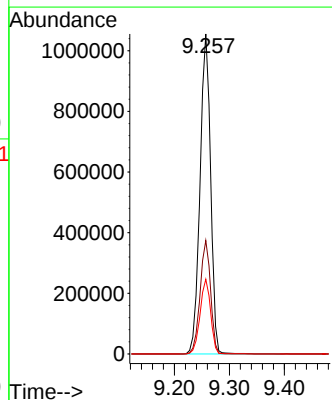
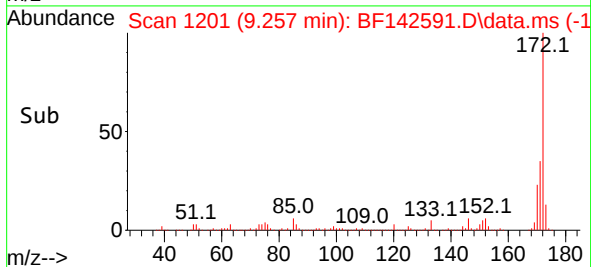
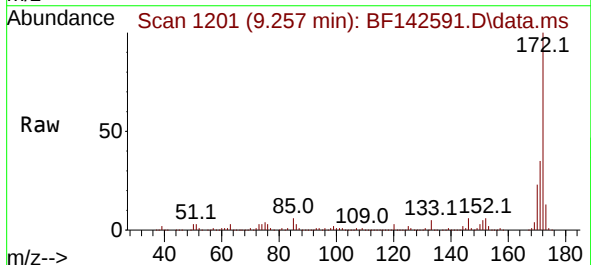


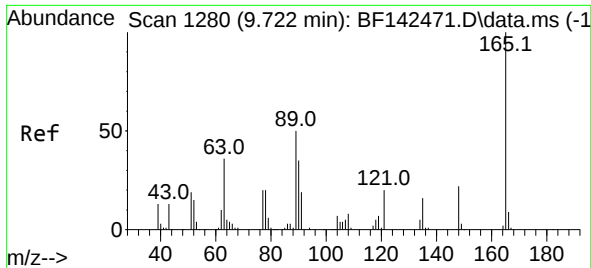
Tgt Ion:330 Resp: 365230
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 28.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 71.642 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

Tgt Ion:172 Resp: 1414422
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.009 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.212 min

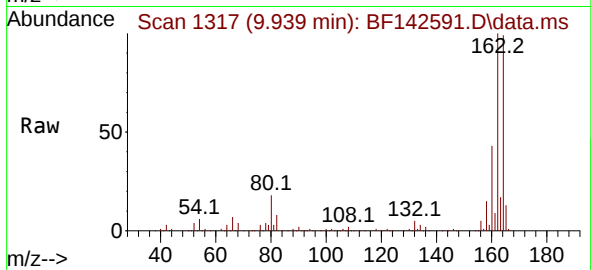
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Acq: 02 Jun 2025 11:59

Instrument :

BNA_F

ClientSampleId :



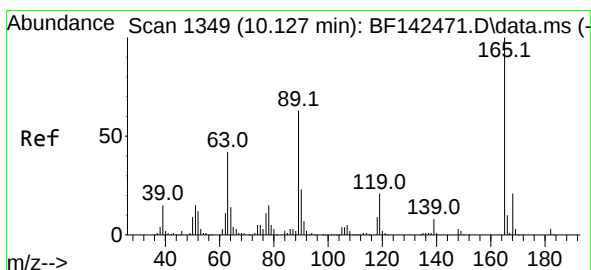
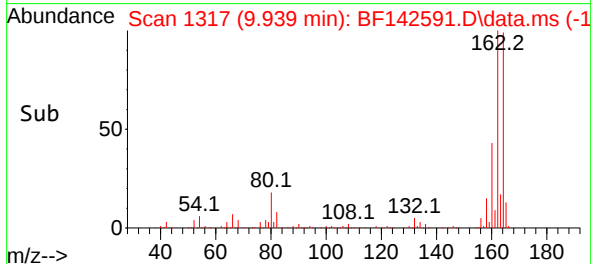
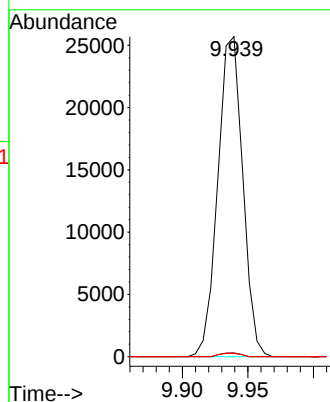
Tgt Ion:165 Resp: 33988

Ion Ratio Lower Upper

165 100

63 1.2 42.9 64.3#

89 1.0 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.898 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.194 min

Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

Tgt Ion:165 Resp: 33988

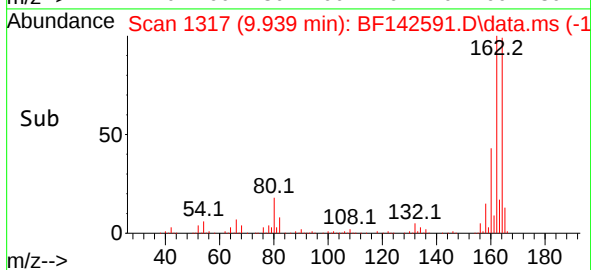
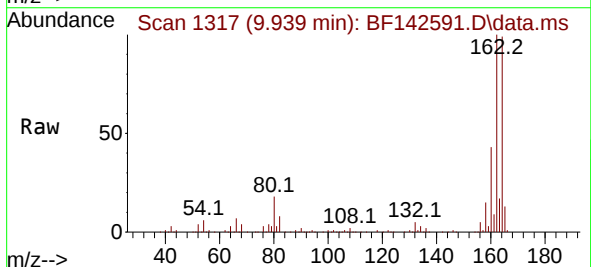
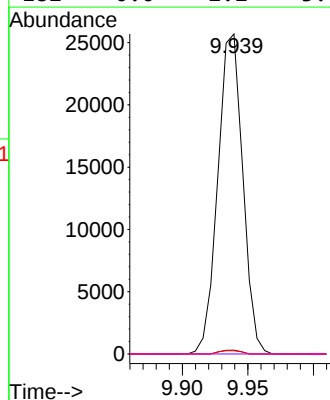
Ion Ratio Lower Upper

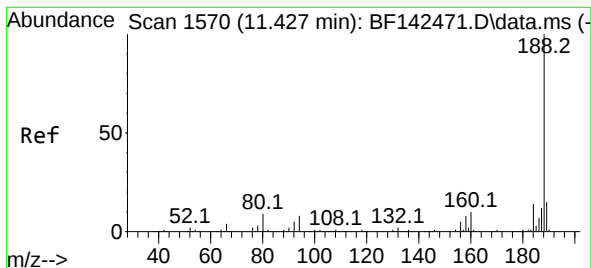
165 100

63 1.2 33.6 50.4#

89 1.0 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

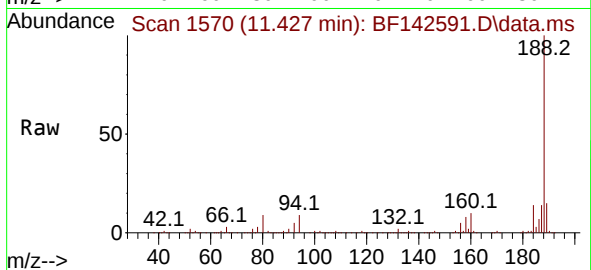
Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

Instrument :

BNA_F

ClientSampleId :



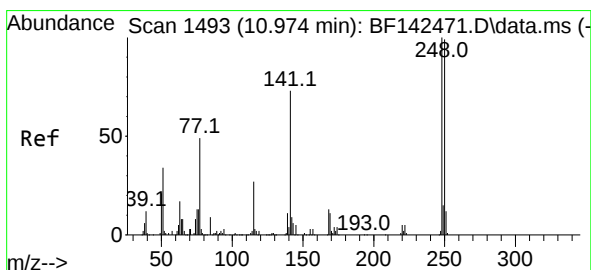
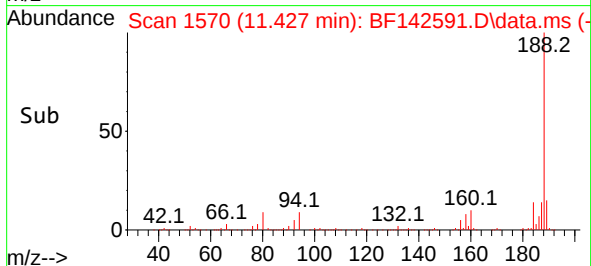
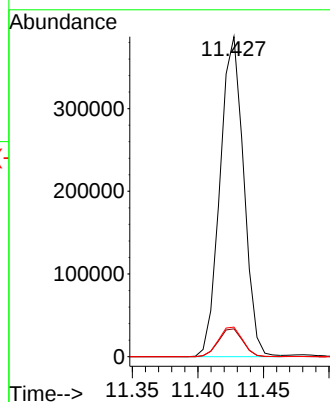
Tgt Ion:188 Resp: 486581

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.3 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.051 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

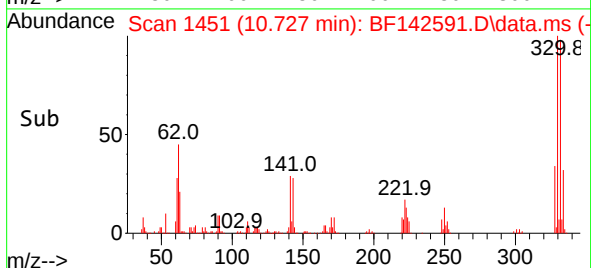
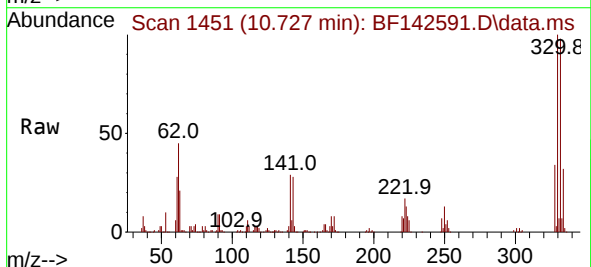
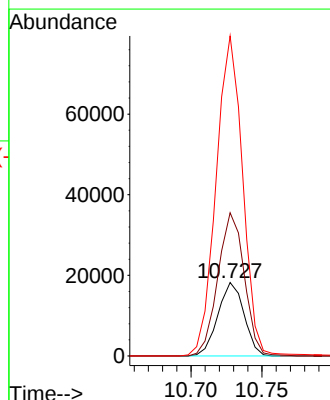
Tgt Ion:248 Resp: 23309

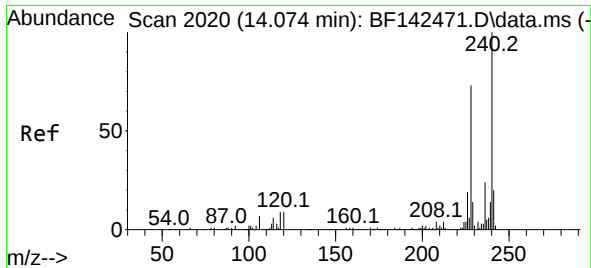
Ion Ratio Lower Upper

248 100

250 195.1 79.0 118.4#

141 435.9 58.4 87.6#

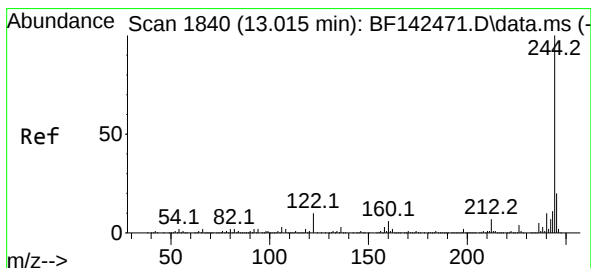
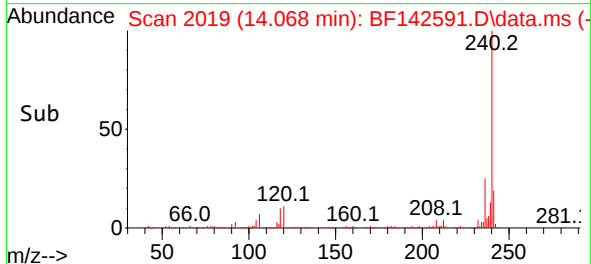
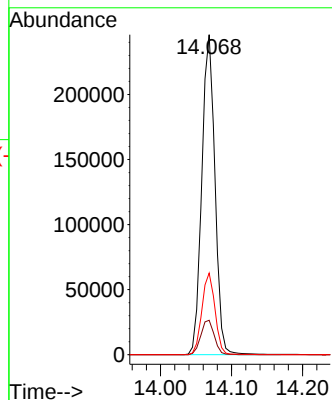
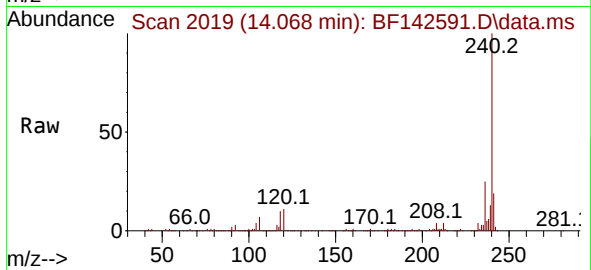




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

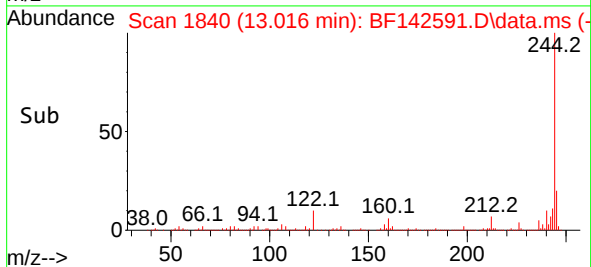
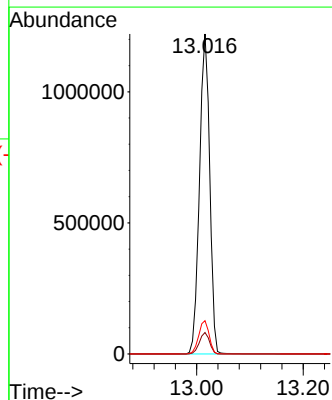
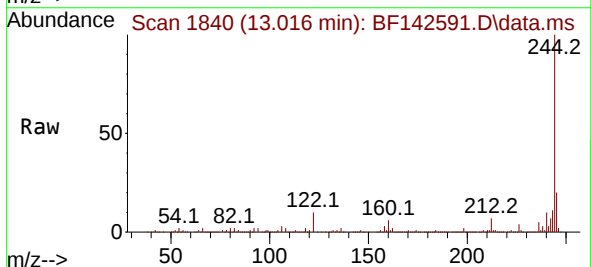
Instrument :
BNA_F
ClientSampleId :

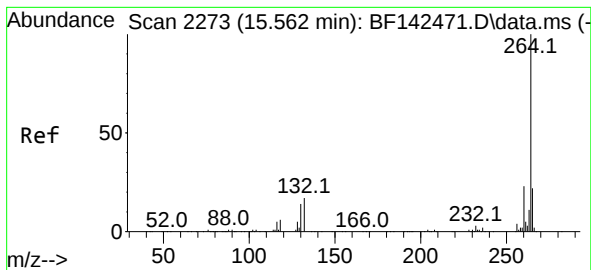
Tgt Ion:240 Resp: 317589
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.5 19.6 29.4



#79
Terphenyl-d14
Concen: 69.668 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142591.D
Acq: 02 Jun 2025 11:59

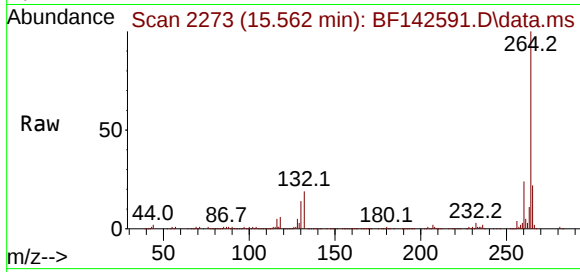
Tgt Ion:244 Resp: 1619103
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.4 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142591.D
 Acq: 02 Jun 2025 11:59

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 262091
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.8 17.7 26.5

