

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142593.D
 Acq On : 02 Jun 2025 12:57
 Operator : RC/JU
 Sample : PB168190TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 13:20:01 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)

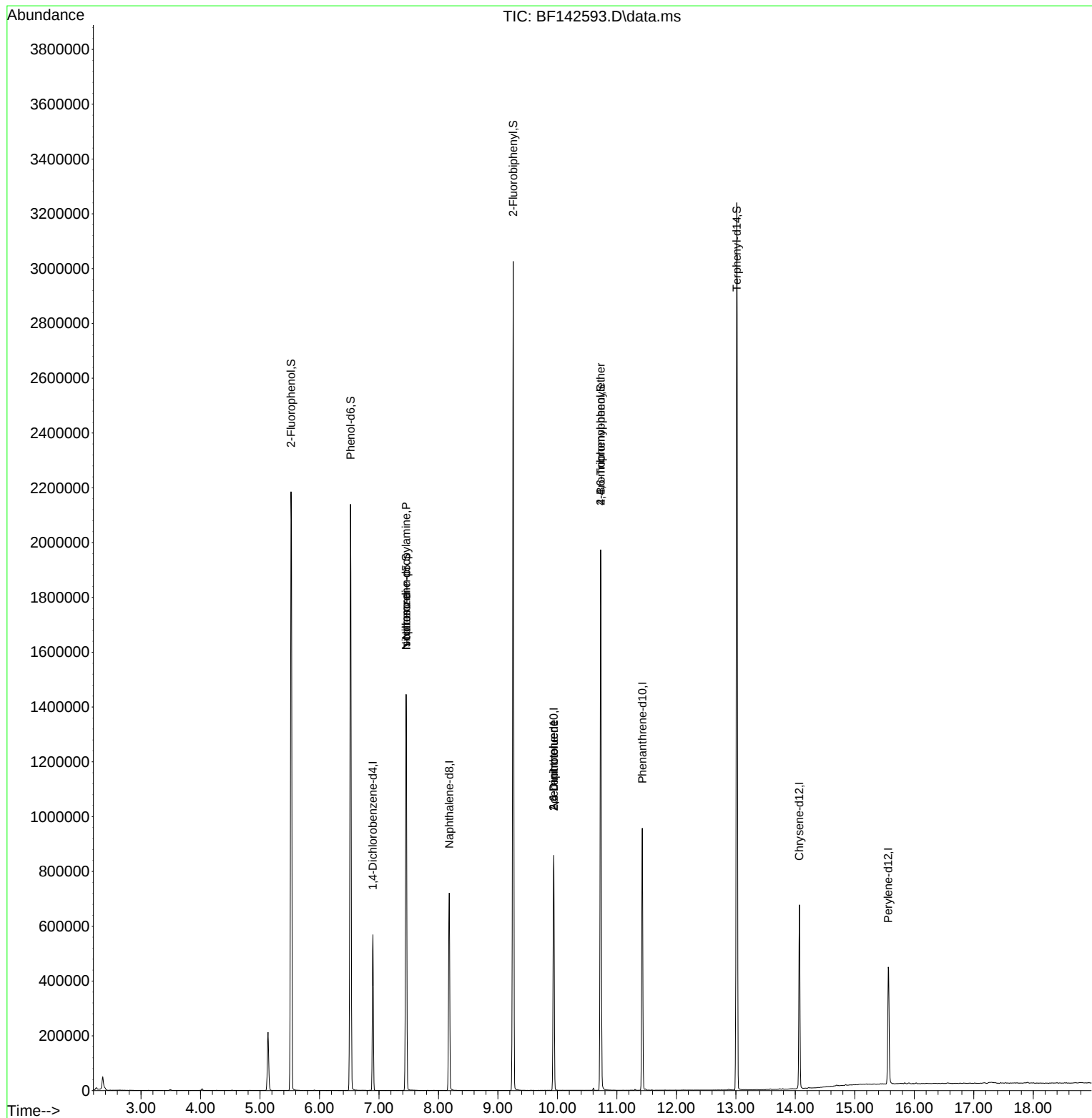
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	125334	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	485126	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	270958	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	506551	20.000	ng	0.00
76) Chrysene-d12	14.068	240	326941	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	264975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	894032	120.177	ng	0.00
7) Phenol-d6	6.522	99	1086252	121.299	ng	-0.01
23) Nitrobenzene-d5	7.457	82	670272	75.339	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	373111	124.069	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1447234	71.671	ng	-0.01
79) Terphenyl-d14	13.015	244	1661227	69.436	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	88971	16.031	ng	# 76
25) Isophorone	7.457	82	627281	42.171	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	34836	9.028	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	34836	6.913	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	24062	4.017	ng	# 1

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

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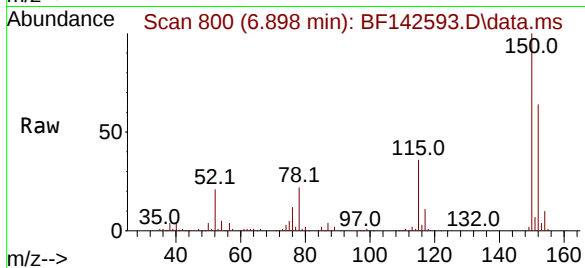
Quant Time: Jun 02 13:20:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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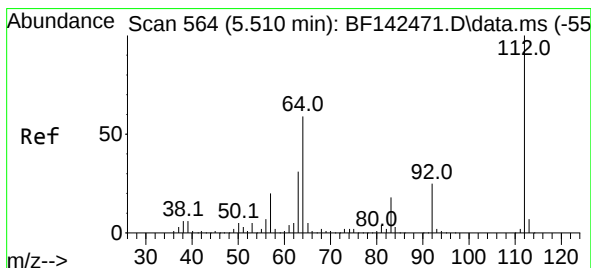
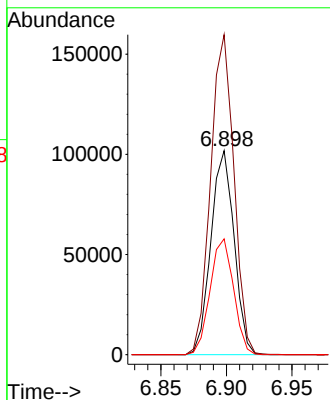
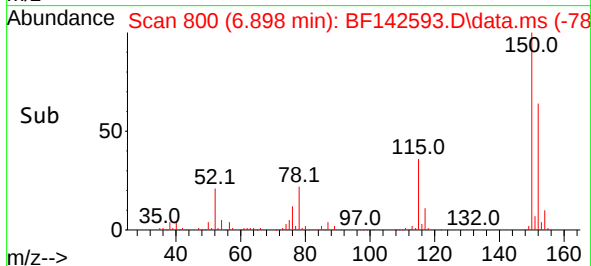


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

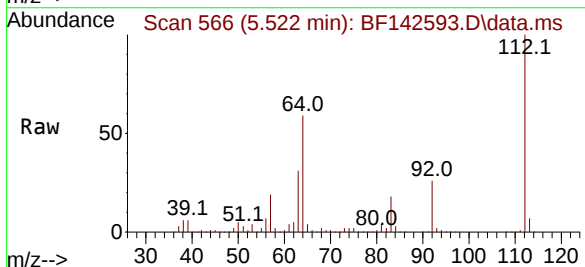
Instrument :
BNA_F
ClientSampleId :



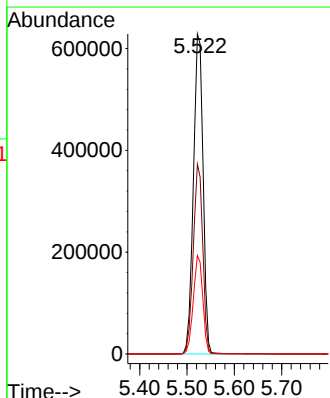
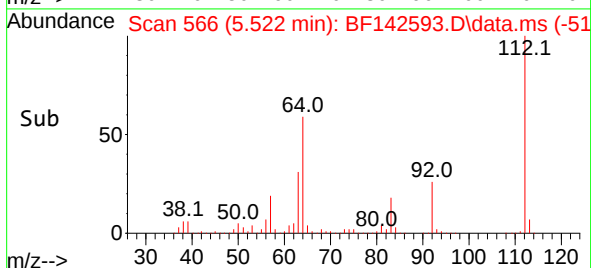
Tgt Ion:152 Resp: 125334
Ion Ratio Lower Upper
152 100
150 156.9 128.2 192.4
115 56.8 48.3 72.5

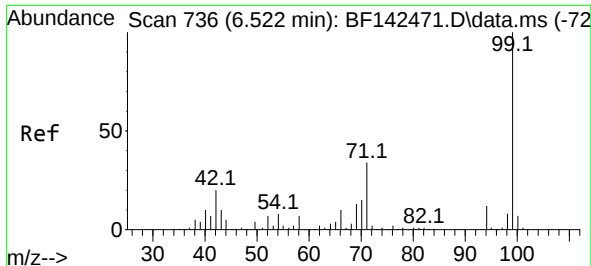


#5
2-Fluorophenol
Concen: 120.177 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57



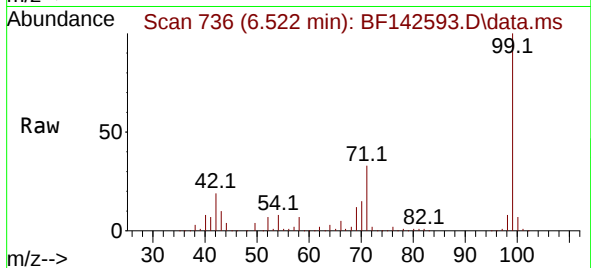
Tgt Ion:112 Resp: 894032
Ion Ratio Lower Upper
112 100
64 59.3 47.5 71.3
63 30.8 24.9 37.3



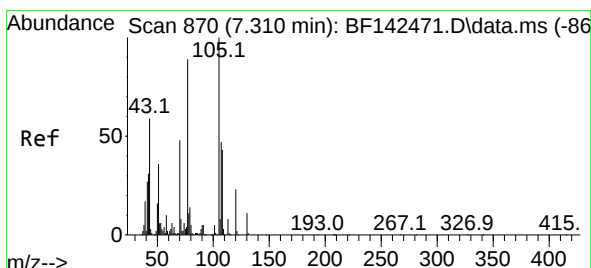
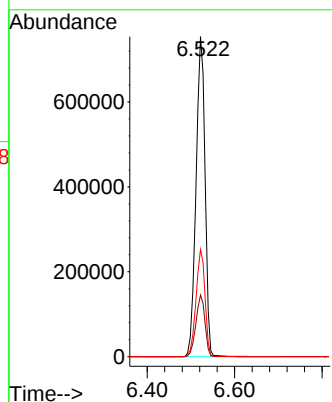
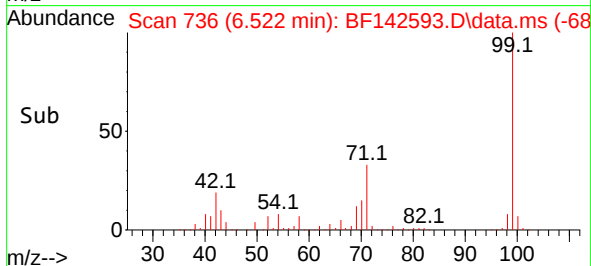


#7
Phenol-d6
Concen: 121.299 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

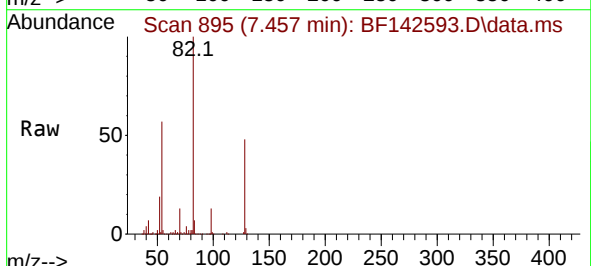
Instrument :
BNA_F
ClientSampleId :



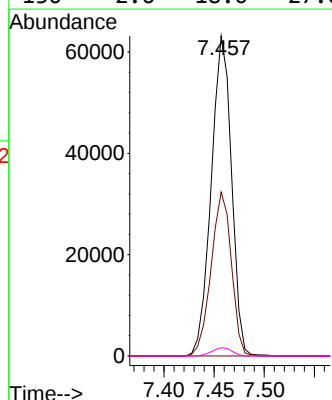
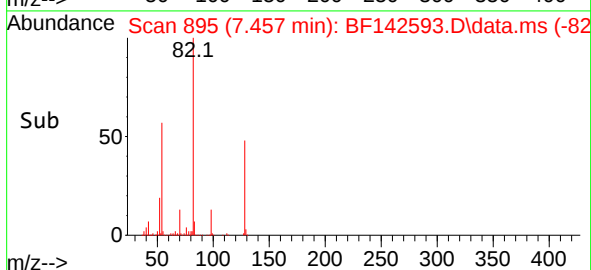
Tgt Ion: 99 Resp: 1086252
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 33.5 27.3 40.9

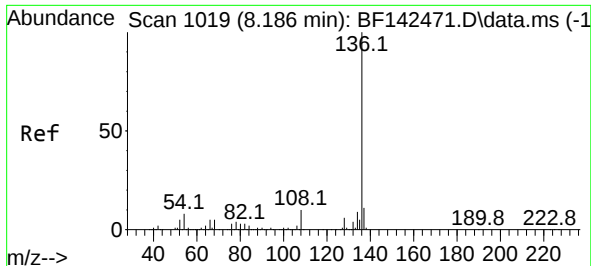


#19
n-Nitroso-di-n-propylamine
Concen: 16.031 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57



Tgt Ion: 70 Resp: 88971
Ion Ratio Lower Upper
70 100
42 51.2 52.4 78.6#
101 0.0 7.8 11.8#
130 2.6 18.0 27.0#

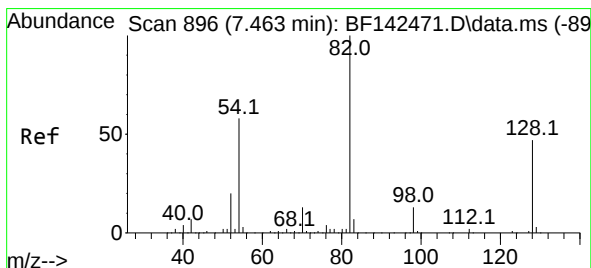
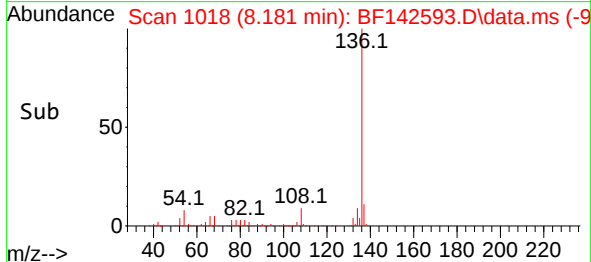
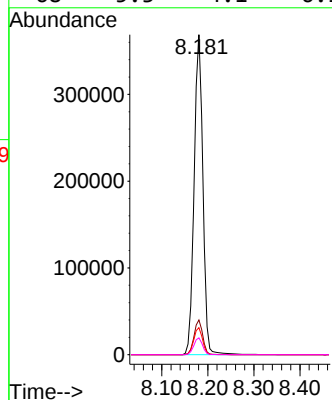
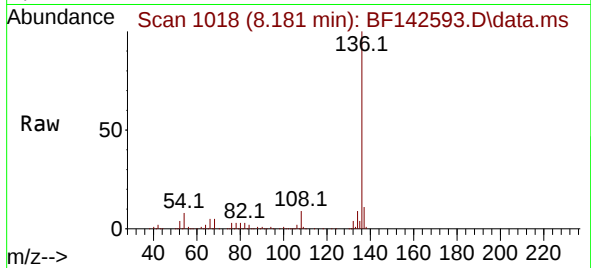




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

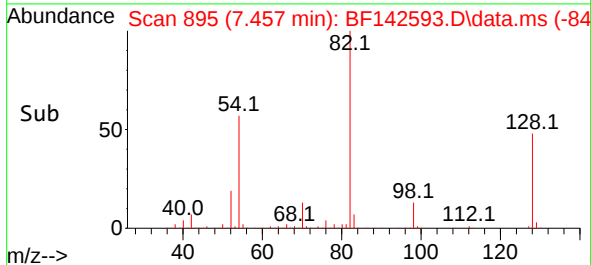
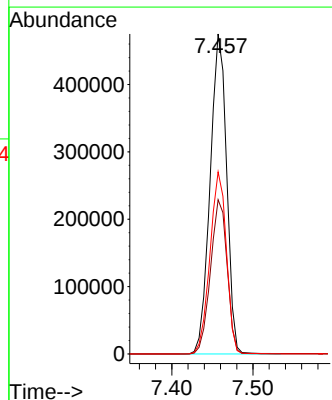
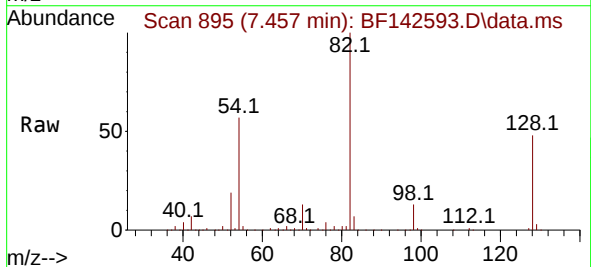
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 485126
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: 75.339 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion: 82 Resp: 670272
Ion Ratio Lower Upper
82 100
128 48.2 37.4 56.2
54 56.9 46.6 70.0

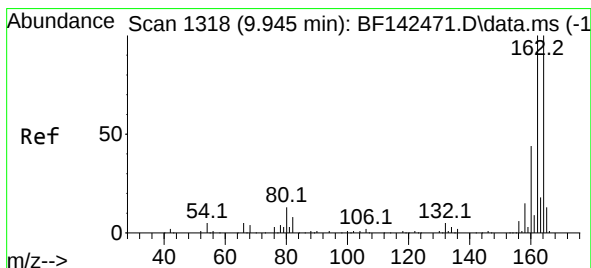
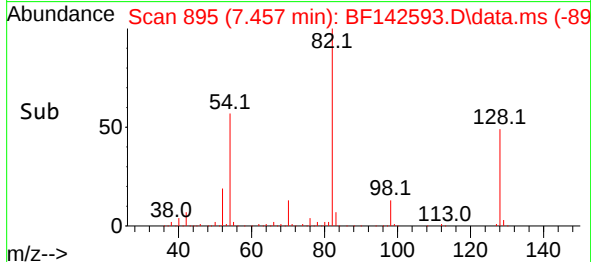
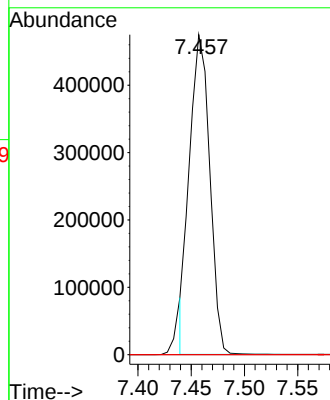
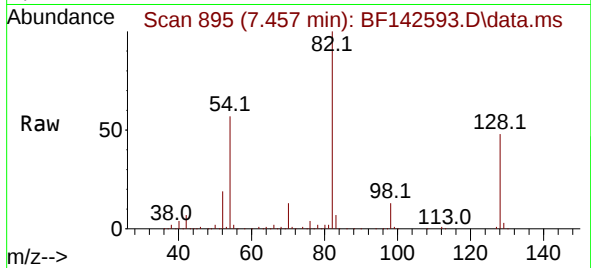




#25
Isophorone
Concen: 42.171 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

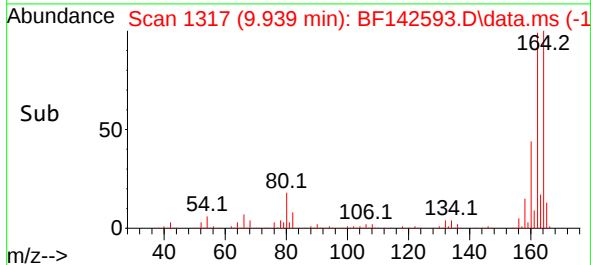
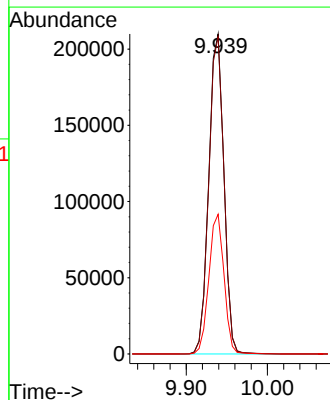
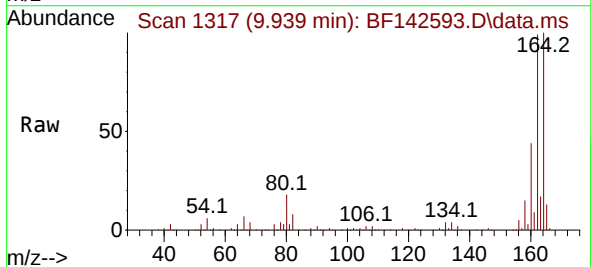
Instrument :
BNA_F
ClientSampleId :

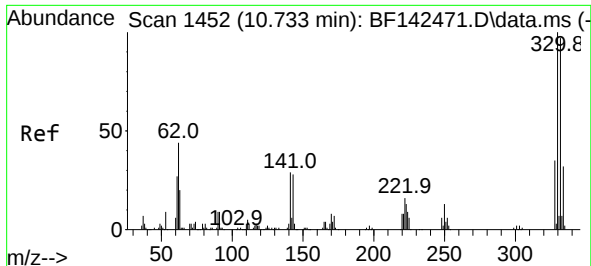
Tgt Ion: 82 Resp: 627281
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion:164 Resp: 270958
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 43.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 124.069 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.012 min

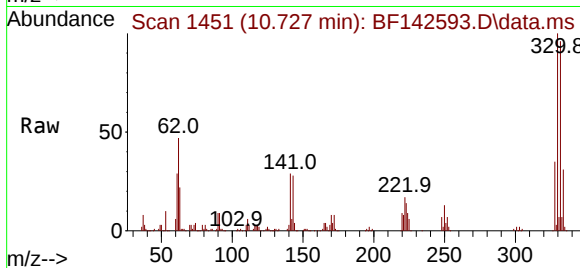
Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

Instrument :

BNA_F

ClientSampleId :



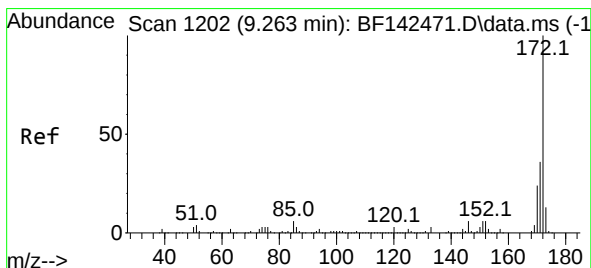
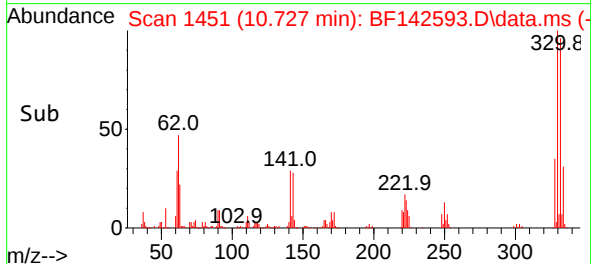
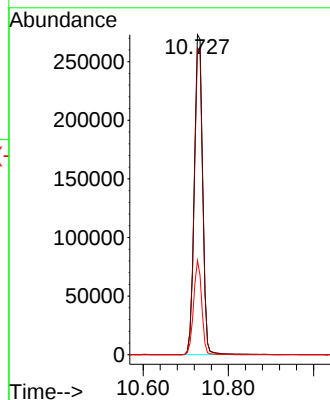
Tgt Ion:330 Resp: 373111

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 28.4 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 71.671 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

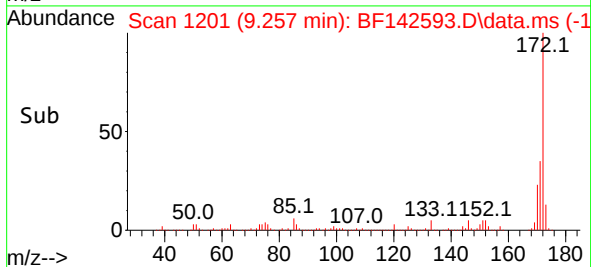
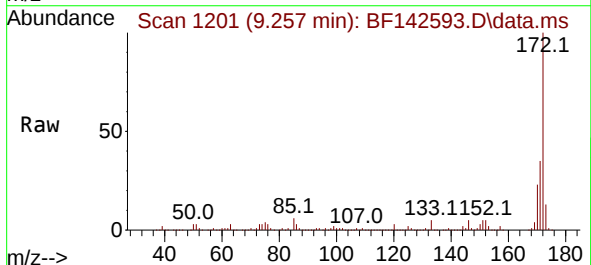
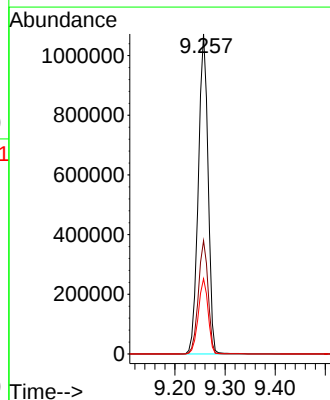
Tgt Ion:172 Resp: 1447234

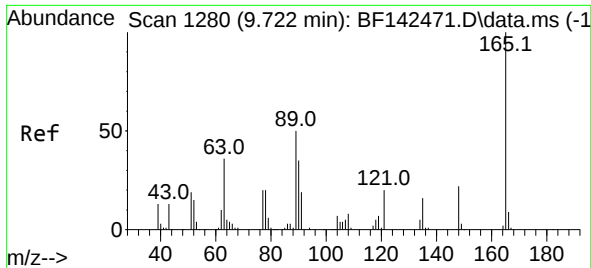
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.5 18.9 28.3

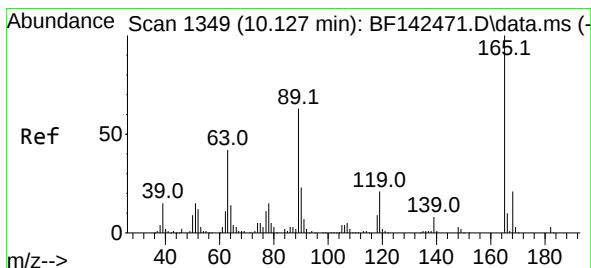
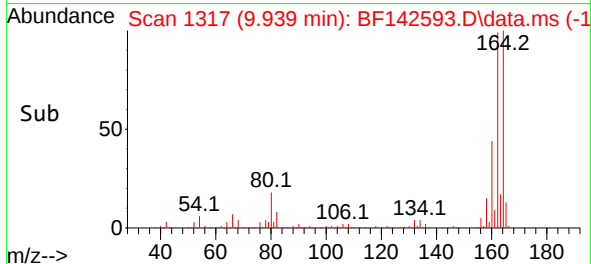
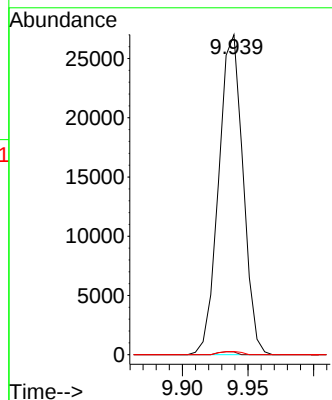
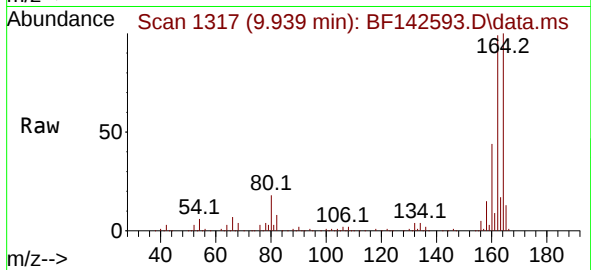




#51
2,6-Dinitrotoluene
Concen: 9.028 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.212 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

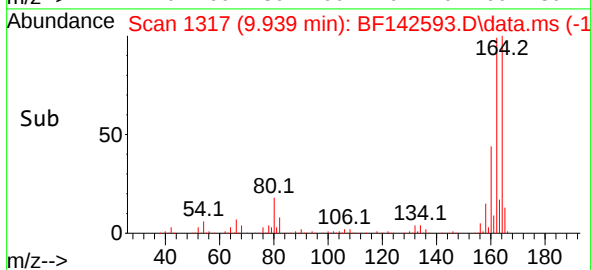
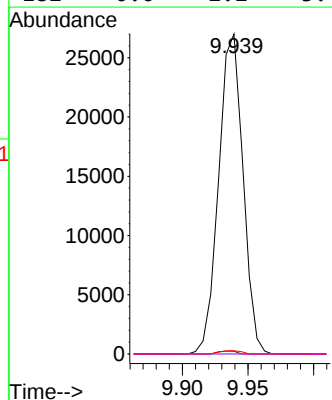
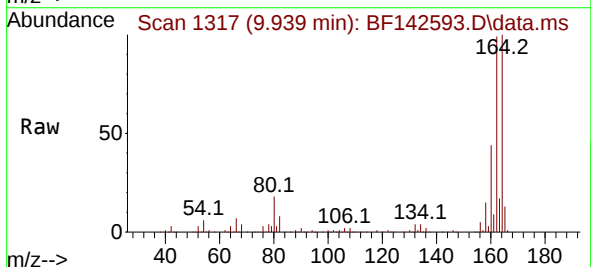
Instrument :
BNA_F
ClientSampleId :

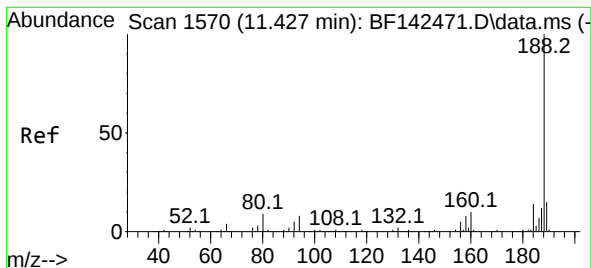
Tgt Ion:165 Resp: 34836
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 1.0 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.913 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

Tgt Ion:165 Resp: 34836
Ion Ratio Lower Upper
165 100
63 0.8 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

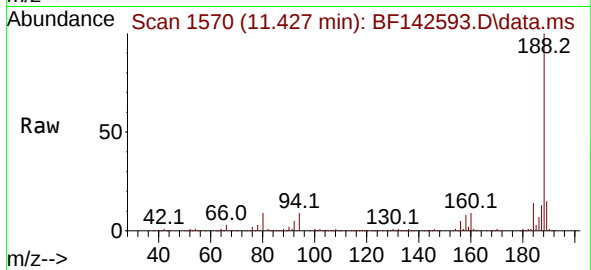
Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

Instrument :

BNA_F

ClientSampleId :



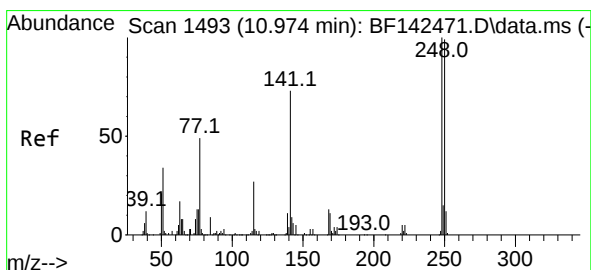
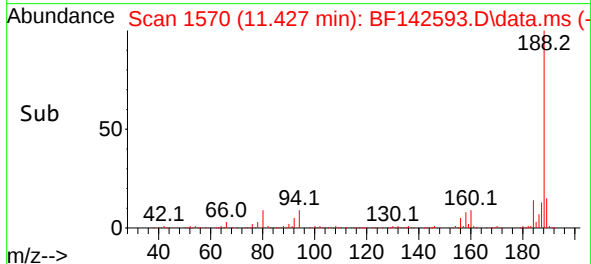
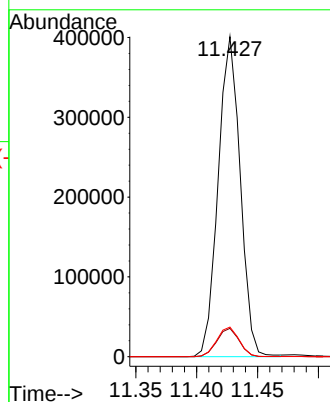
Tgt Ion:188 Resp: 506551

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.2 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.017 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142593.D

Acq: 02 Jun 2025 12:57

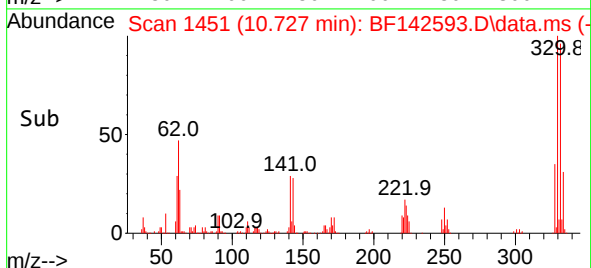
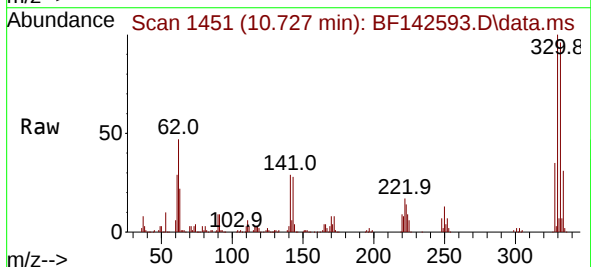
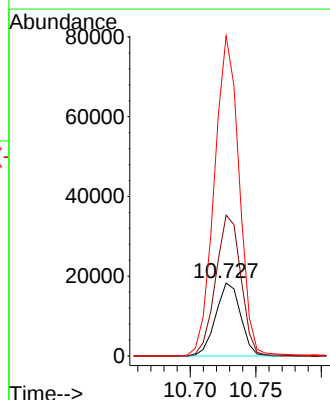
Tgt Ion:248 Resp: 24062

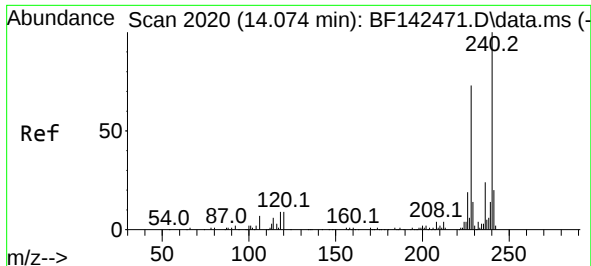
Ion Ratio Lower Upper

248 100

250 192.8 79.0 118.4#

141 438.1 58.4 87.6#

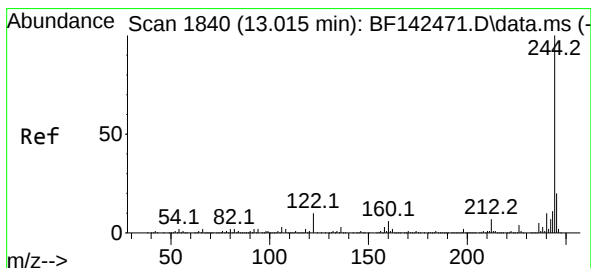
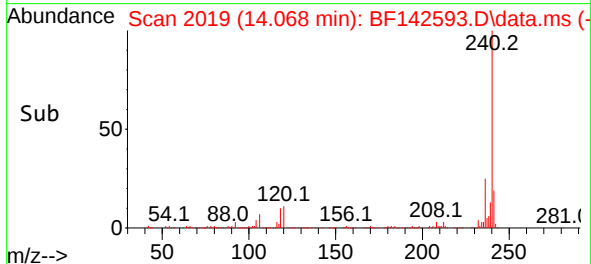
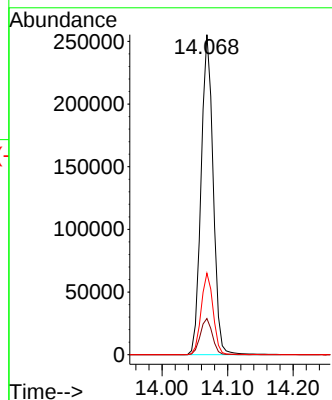
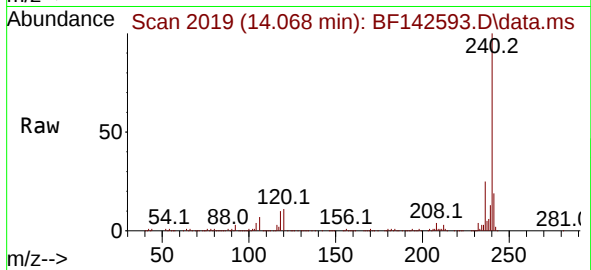




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

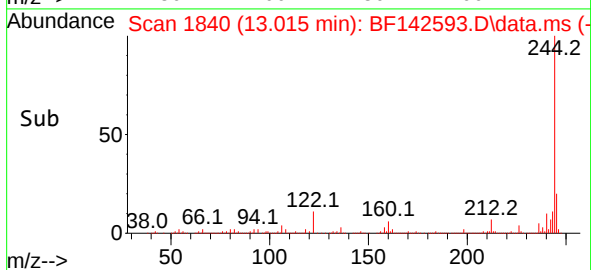
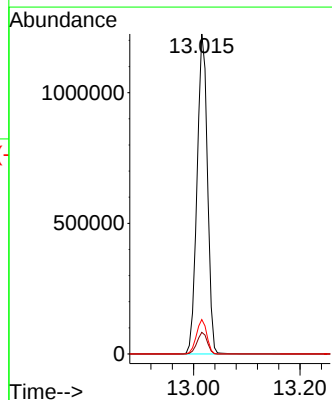
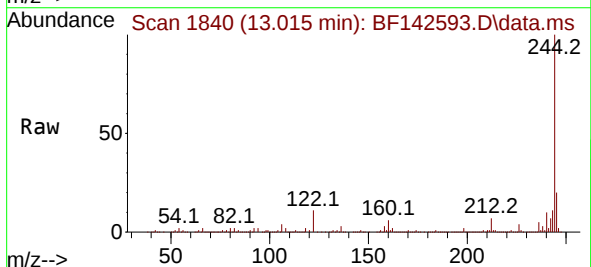
Instrument :
BNA_F
ClientSampleId :

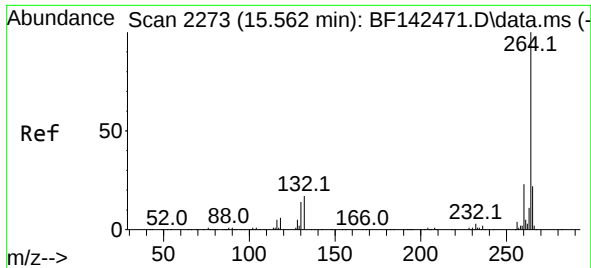
Tgt Ion:240 Resp: 326941
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 25.4 19.6 29.4



#79
Terphenyl-d14
Concen: 69.436 ng
RT: 13.015 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142593.D
Acq: 02 Jun 2025 12:57

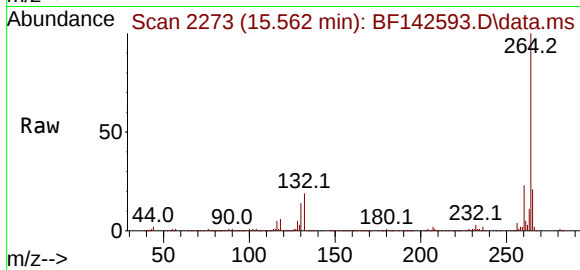
Tgt Ion:244 Resp: 1661227
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142593.D
 Acq: 02 Jun 2025 12:57

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 264975
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.4 17.7 26.5

