

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142558.D
 Acq On : 27 May 2025 13:24
 Operator : RC/JU
 Sample : PB168164BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168164BL

Quant Time: May 27 13:50:08 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)

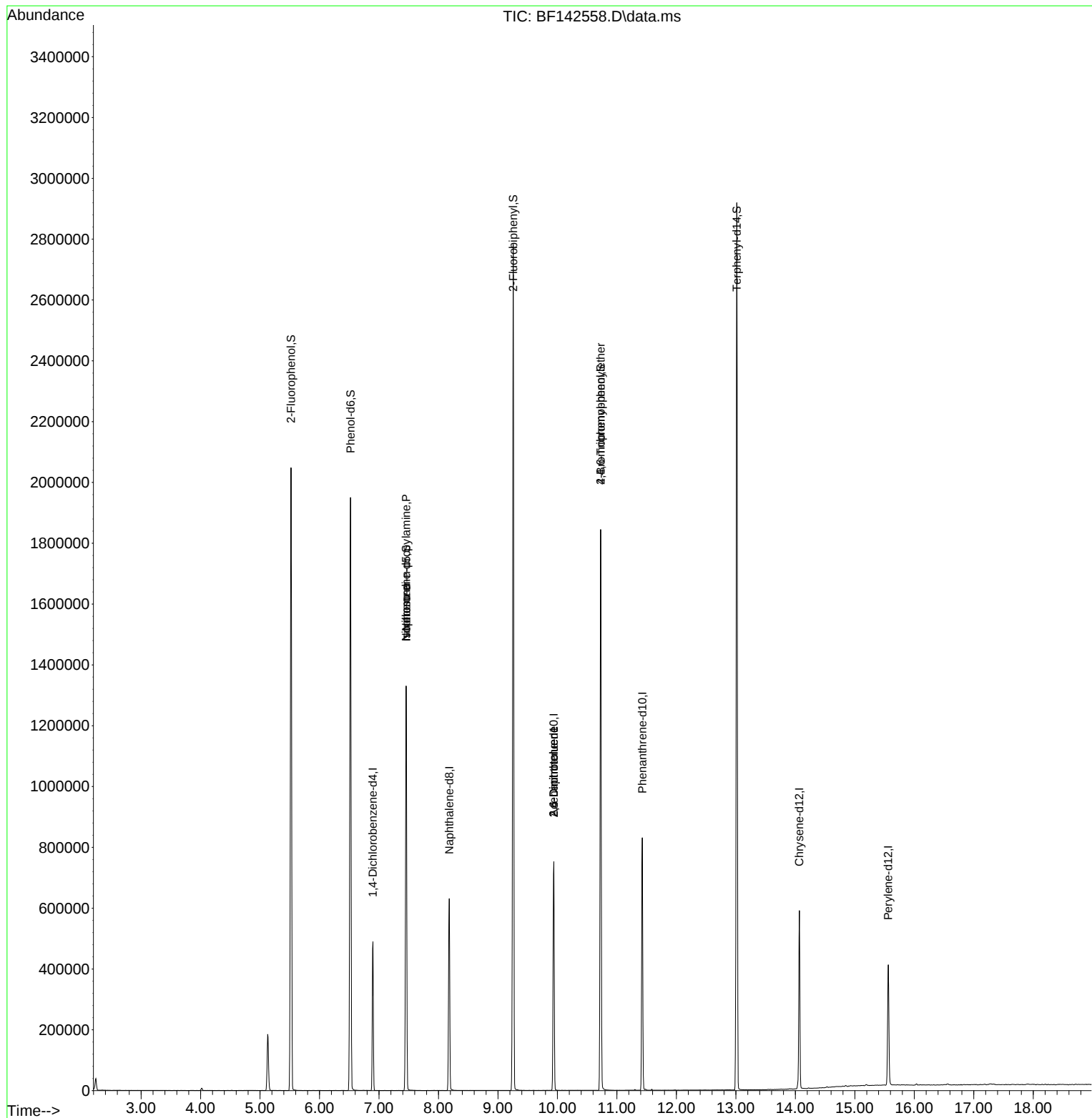
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	109499	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	425923	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	237471	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	441242	20.000	ng	0.00
76) Chrysene-d12	14.068	240	288683	20.000	ng	0.00
86) Perylene-d12	15.562	264	236188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	815575	125.485	ng	0.00
7) Phenol-d6	6.522	99	983292	125.681	ng	-0.01
23) Nitrobenzene-d5	7.457	82	608967	77.963	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	343698	130.405	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1319809	74.578	ng	-0.01
79) Terphenyl-d14	13.015	244	1481266	70.119	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	81146	16.735	ng	# 76
25) Isophorone	7.457	82	567046	43.420	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	30676	9.071	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	30676	6.946	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	21328	4.088	ng	# 1

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

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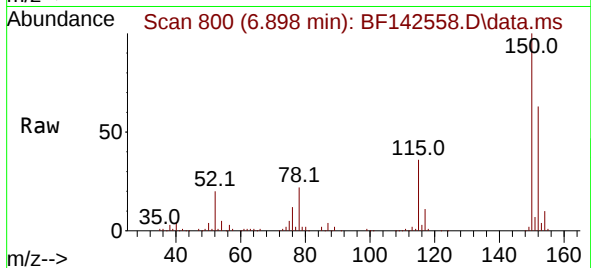
Quant Time: May 27 13:50:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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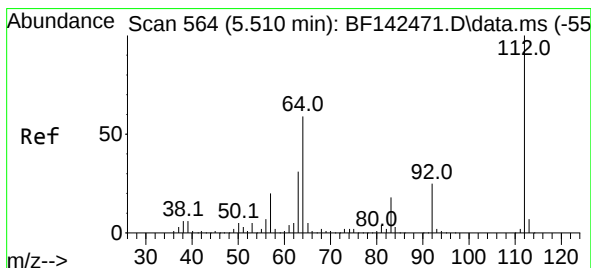
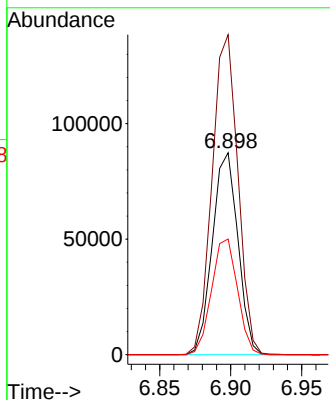
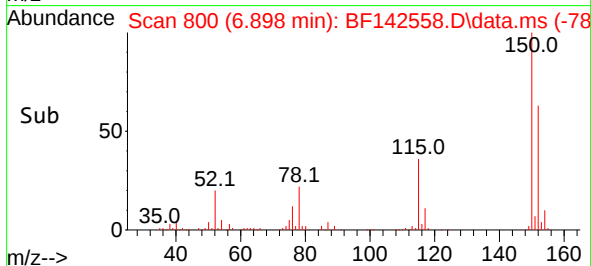


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

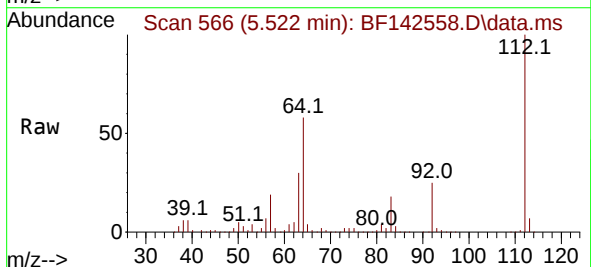
Instrument :
BNA_F
ClientSampleId :
PB168164BL



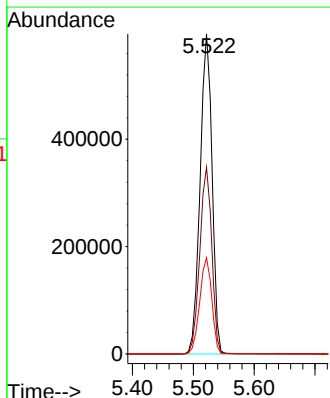
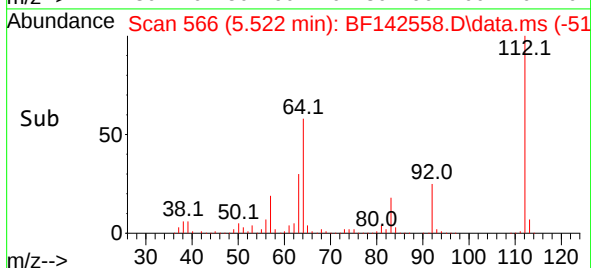
Tgt Ion:152 Resp: 109499
Ion Ratio Lower Upper
152 100
150 158.4 128.2 192.4
115 57.3 48.3 72.5

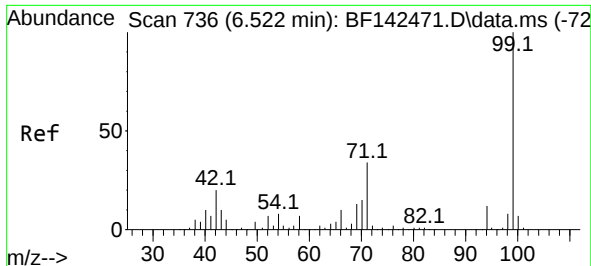


#5
2-Fluorophenol
Concen: 125.485 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24



Tgt Ion:112 Resp: 815575
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.1 24.9 37.3

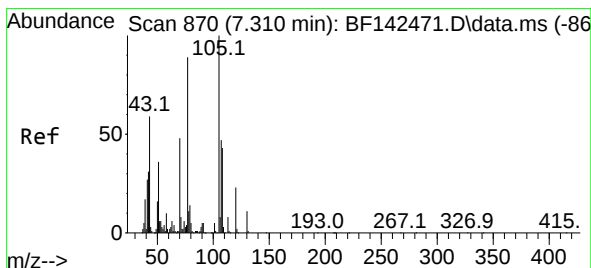
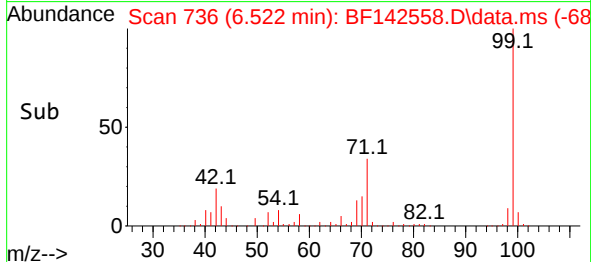
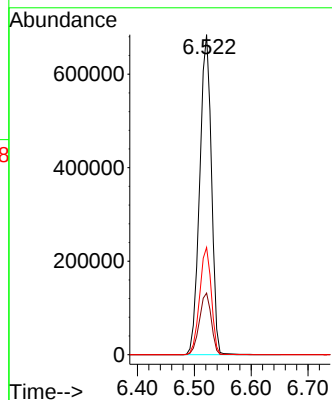
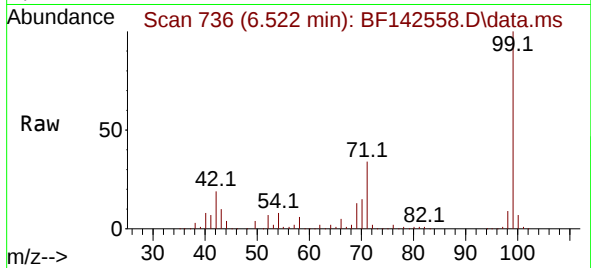




#7
Phenol-d6
Concen: 125.681 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

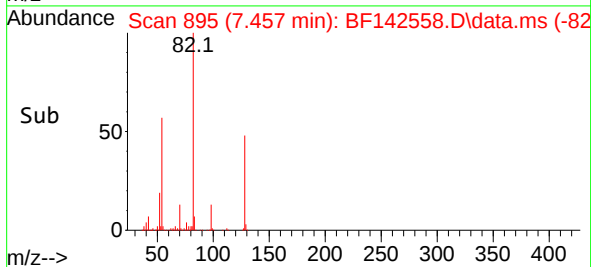
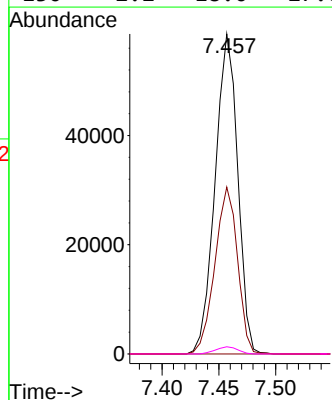
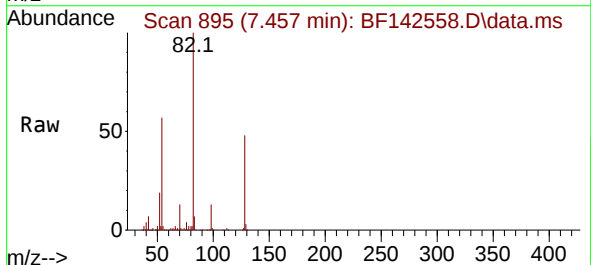
Instrument :
BNA_F
ClientSampleId :
PB168164BL

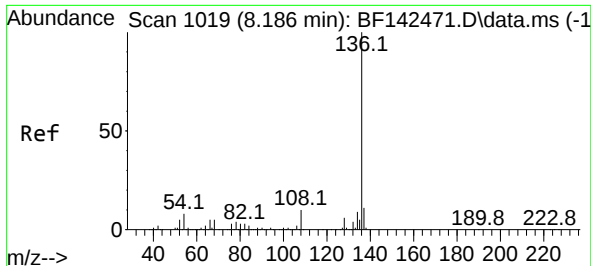
Tgt Ion: 99 Resp: 983292
Ion Ratio Lower Upper
99 100
42 19.3 16.2 24.2
71 33.5 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.735 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

Tgt Ion: 70 Resp: 81146
Ion Ratio Lower Upper
70 100
42 52.2 52.4 78.6#
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#



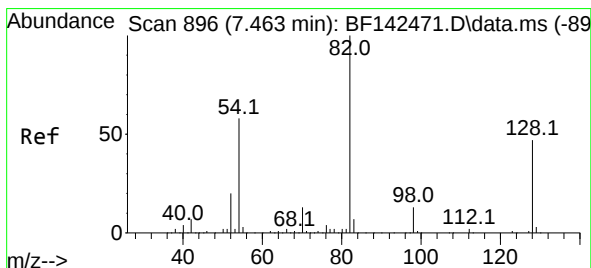
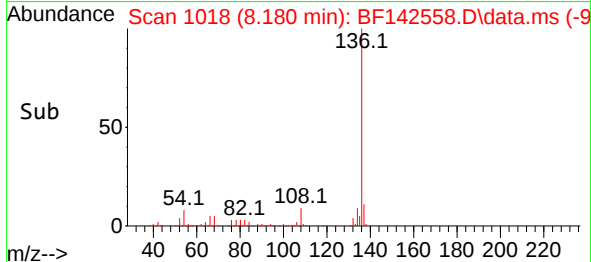
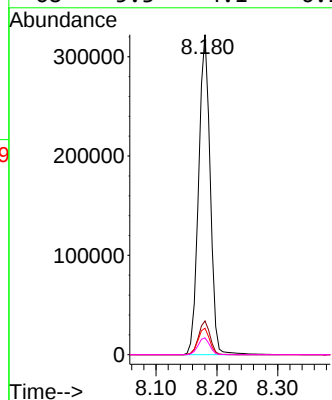
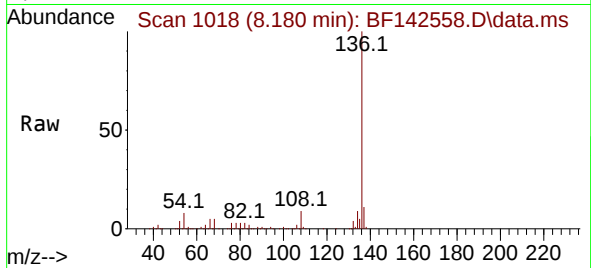


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

Instrument :
BNA_F
ClientSampleId :
PB168164BL

Tgt Ion:136 Resp: 425923

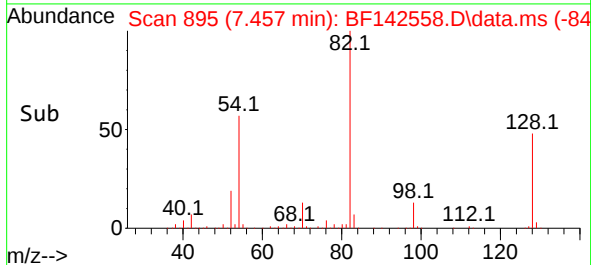
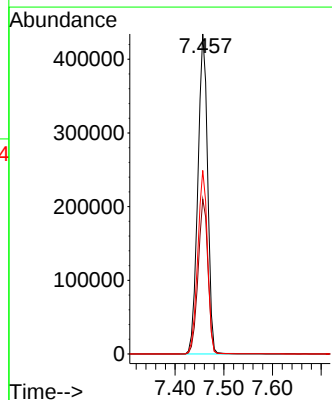
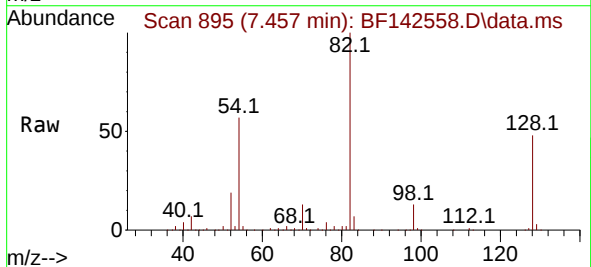
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	6.6	10.0
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 77.963 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

Tgt Ion: 82 Resp: 608967

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.2
54	57.4	46.6	70.0

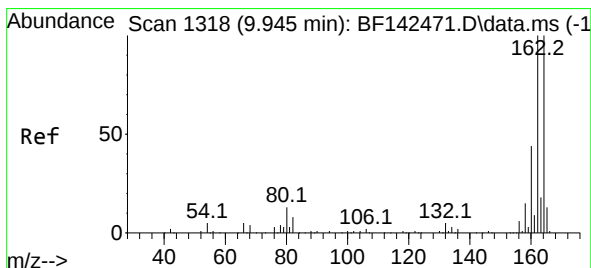
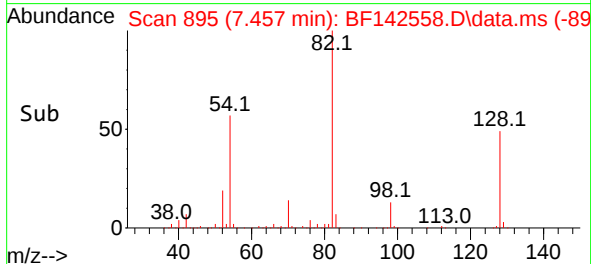
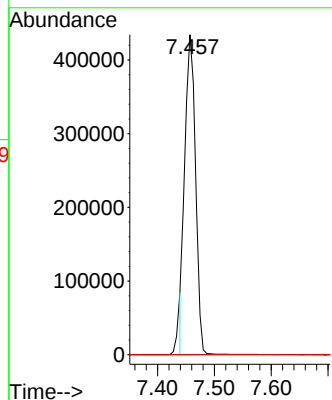
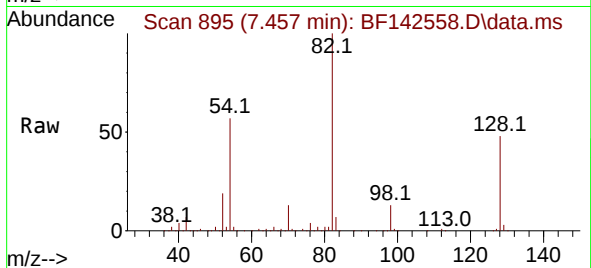




#25
Isophorone
Concen: 43.420 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

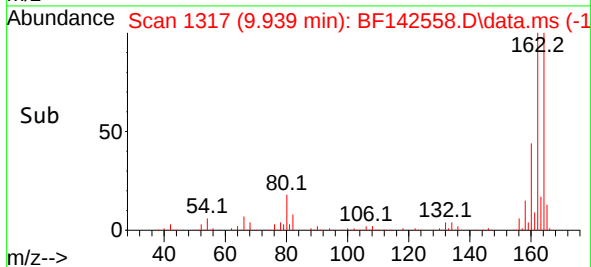
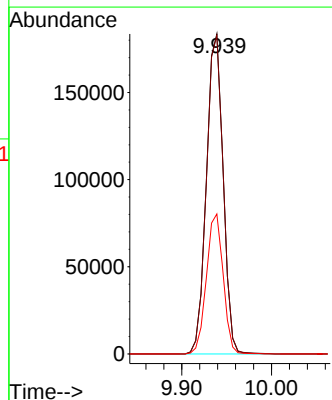
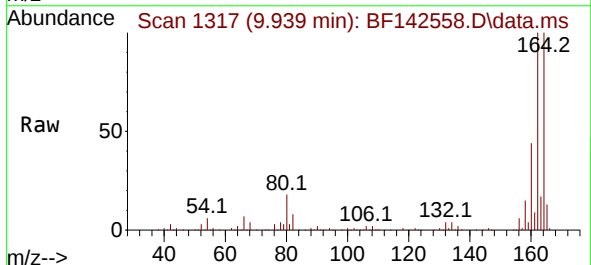
Instrument :
BNA_F
ClientSampleId :
PB168164BL

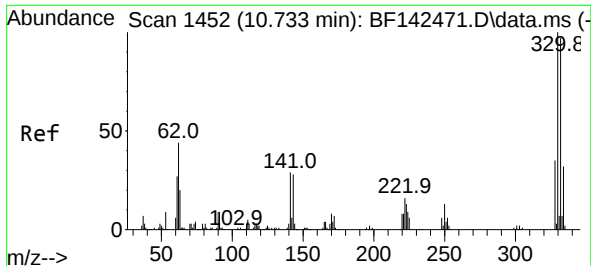
Tgt Ion: 82 Resp: 567046
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

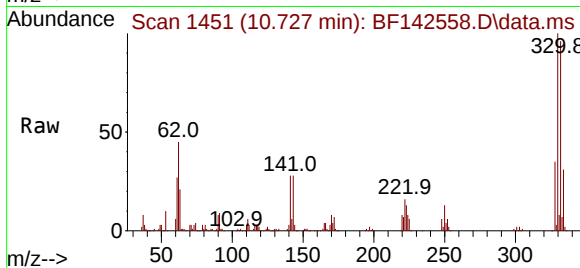
Tgt Ion: 164 Resp: 237471
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.4
160 43.8 35.6 53.4



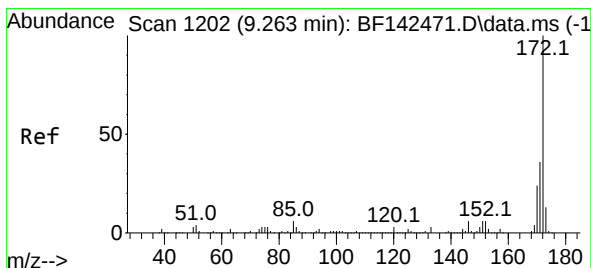
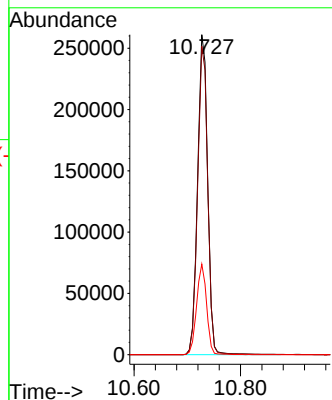
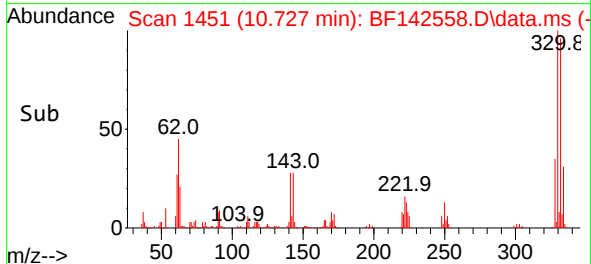


#42
 2,4,6-Tribromophenol
 Concen: 130.405 ng
 RT: 10.727 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF142558.D
 Acq: 27 May 2025 13:24

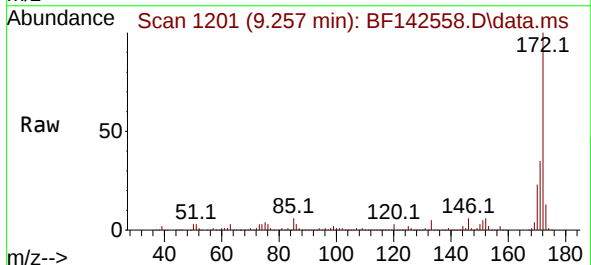
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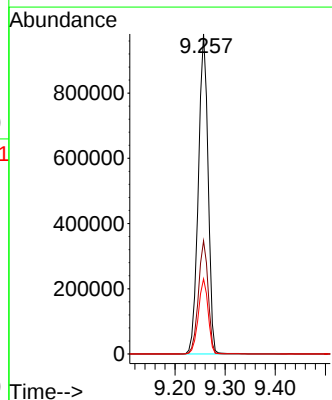
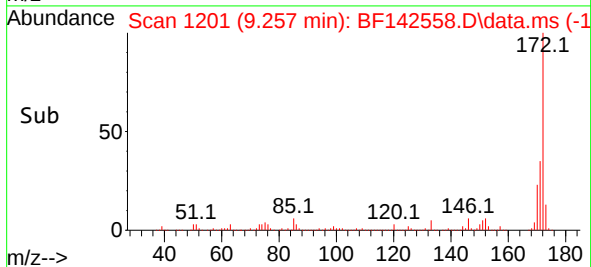
Tgt Ion:330 Resp: 343698
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 28.1 24.6 36.8

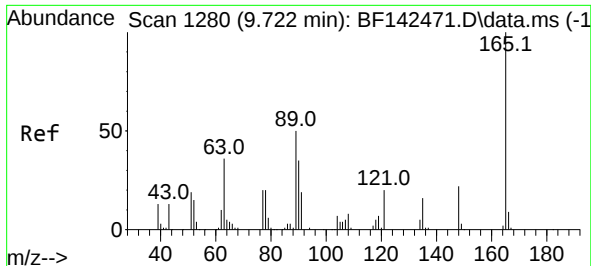


#45
 2-Fluorobiphenyl
 Concen: 74.578 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF142558.D
 Acq: 27 May 2025 13:24



Tgt Ion:172 Resp: 1319809
 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: 9.071 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB168164BL

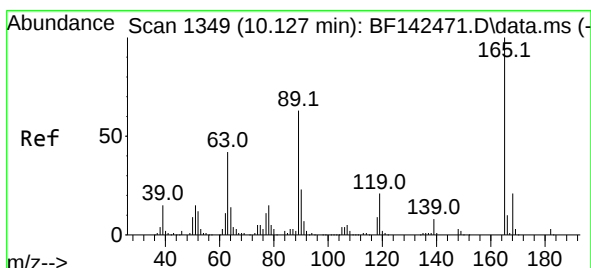
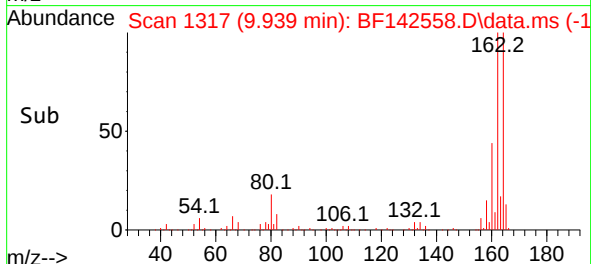
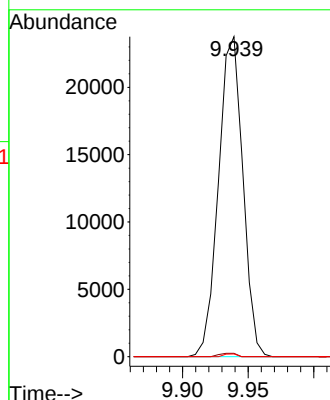
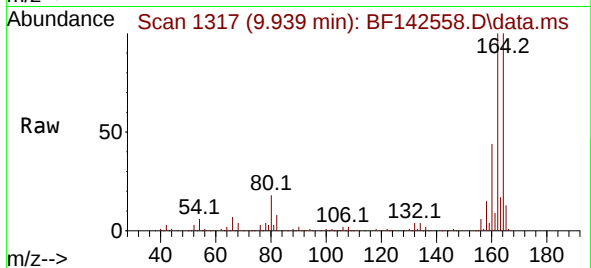
Tgt Ion:165 Resp: 30676

Ion Ratio Lower Upper

165 100

63 1.0 42.9 64.3#

89 0.8 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.946 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.194 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

Tgt Ion:165 Resp: 30676

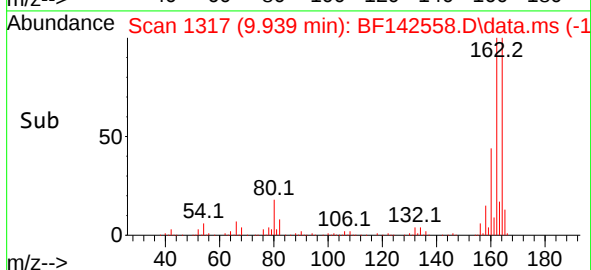
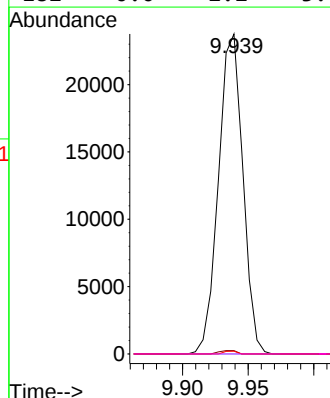
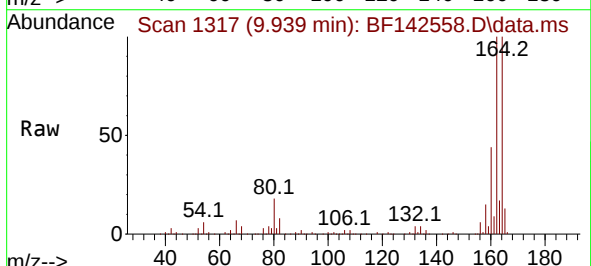
Ion Ratio Lower Upper

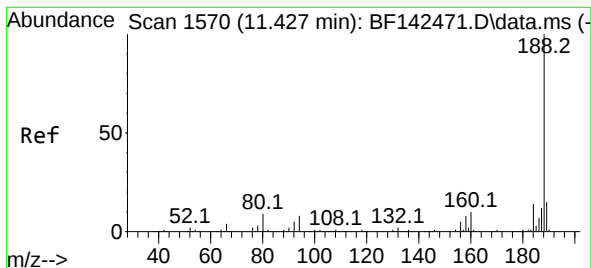
165 100

63 1.0 33.6 50.4#

89 0.8 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: BF142558.D

Acq: 27 May 2025 13:24

Instrument :

BNA_F

ClientSampleId :

PB168164BL

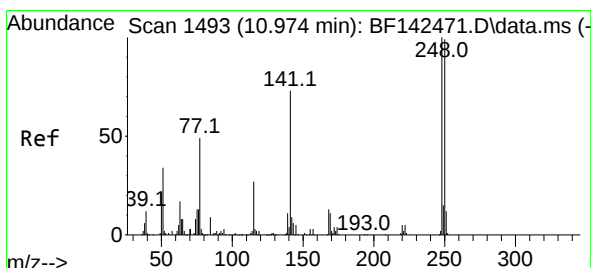
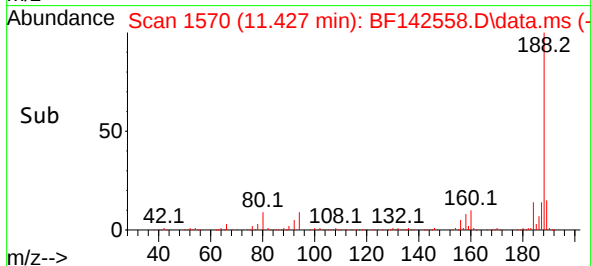
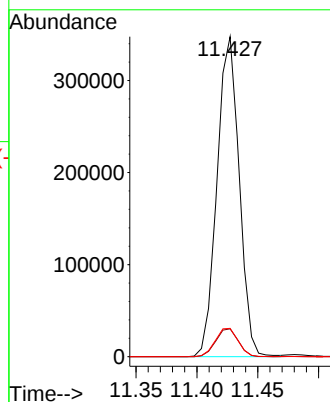
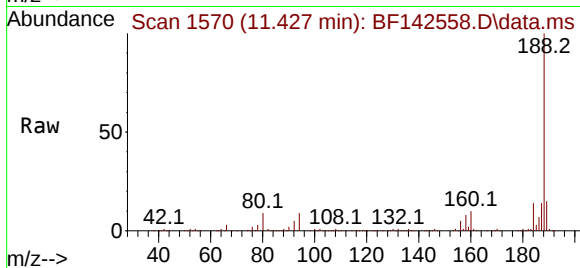
Tgt Ion:188 Resp: 441242

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 8.8 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.088 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142558.D

Acq: 27 May 2025 13:24

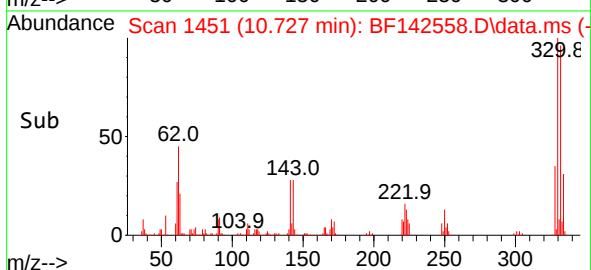
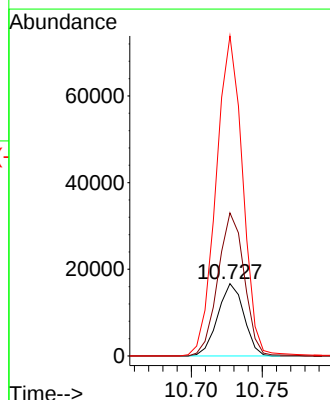
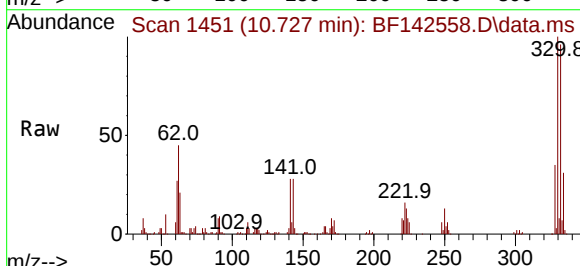
Tgt Ion:248 Resp: 21328

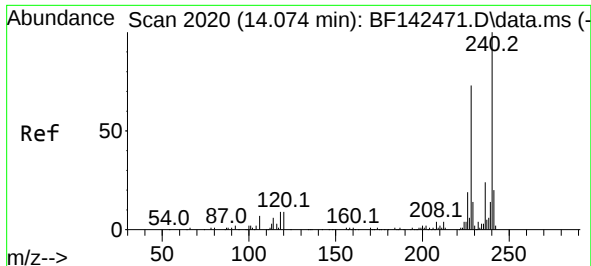
Ion Ratio Lower Upper

248 100

250 198.0 79.0 118.4#

141 442.7 58.4 87.6#

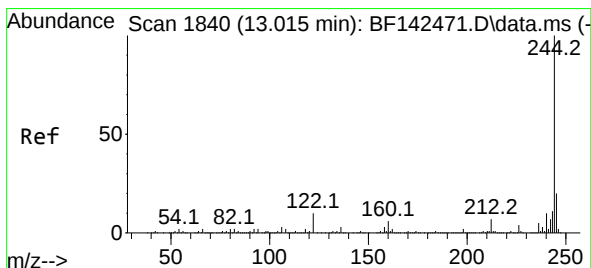
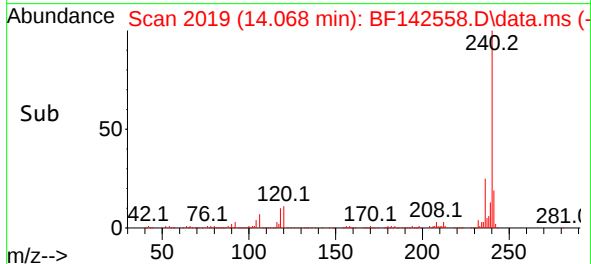
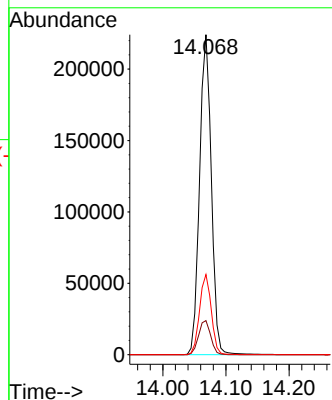
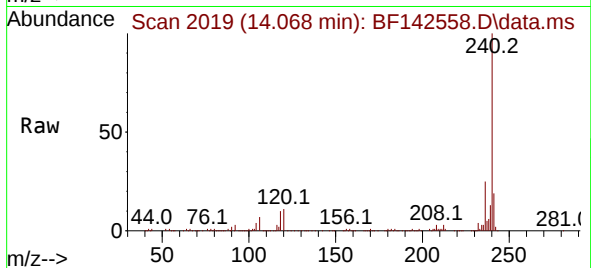




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

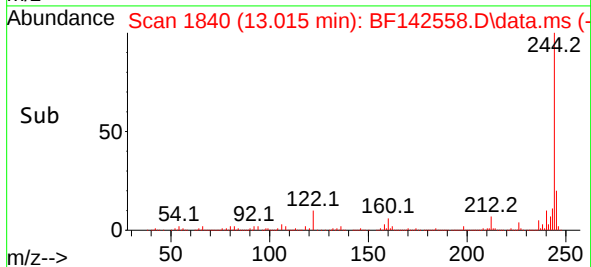
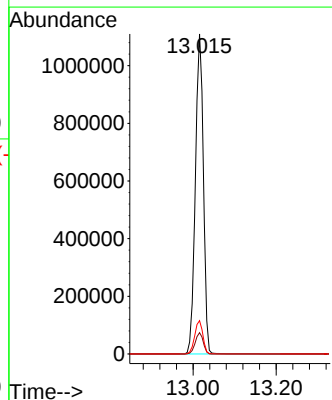
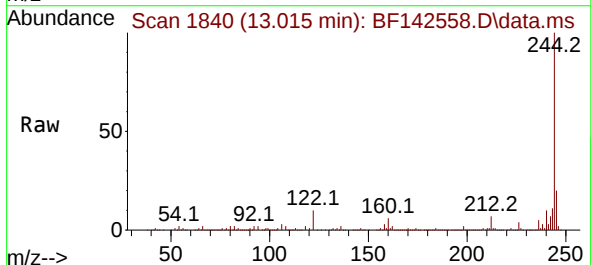
Instrument :
BNA_F
ClientSampleId :
PB168164BL

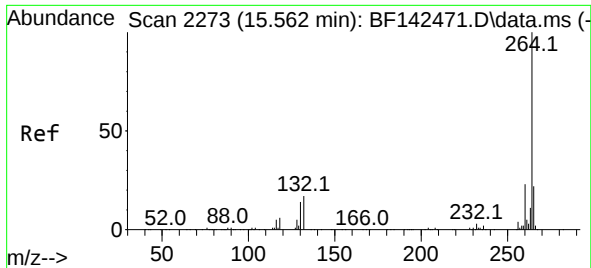
Tgt Ion:240 Resp: 288683
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.0 19.6 29.4



#79
Terphenyl-d14
Concen: 70.119 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142558.D
Acq: 27 May 2025 13:24

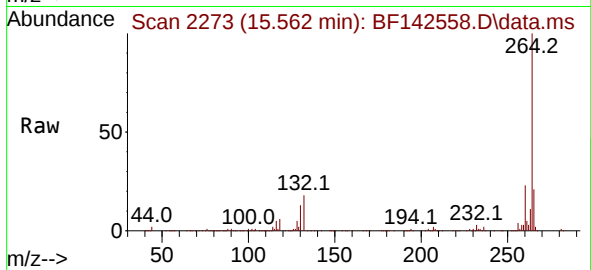
Tgt Ion:244 Resp: 1481266
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.4 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142558.D
 Acq: 27 May 2025 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB168164BL



Tgt Ion:264 Resp: 236188
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.3 17.7 26.5

