

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142611.D
 Acq On : 04 Jun 2025 17:17
 Operator : RC/JU
 Sample : Q2160-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 17:45:22 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)

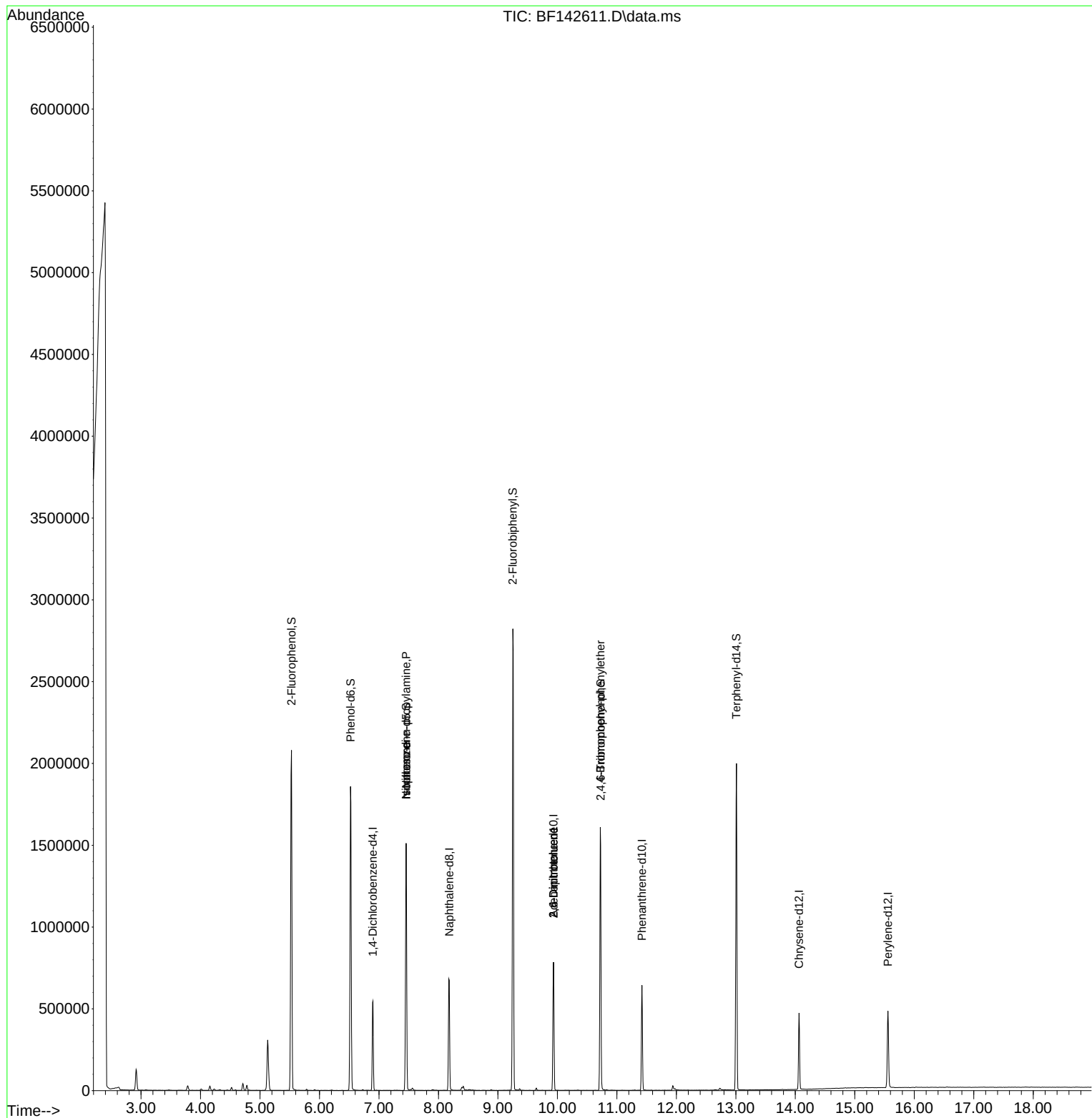
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124020	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	460895	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	232406	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	330716	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	227312	20.000	ng	-0.01
86) Perylene-d12	15.557	264	277244	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	834703	113.391	ng	0.01
7) Phenol-d6	6.522	99	925891	104.488	ng	-0.01
23) Nitrobenzene-d5	7.457	82	665811	78.773	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	296405	114.912	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1314011	75.868	ng	-0.02
79) Terphenyl-d14	13.010	244	989791	59.504	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	89625	16.320	ng	# 75
25) Isophorone	7.457	82	622766	44.069	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	29332	8.862	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	29332	6.786	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	18783	4.803	ng	# 1

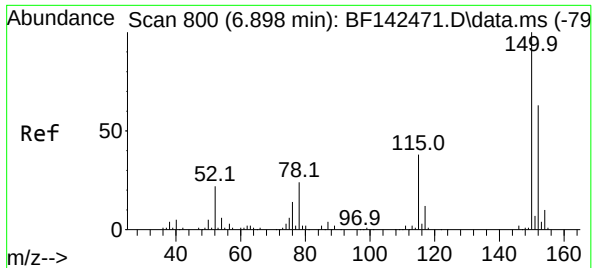
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142611.D
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Operator : RC/JU
Sample : Q2160-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

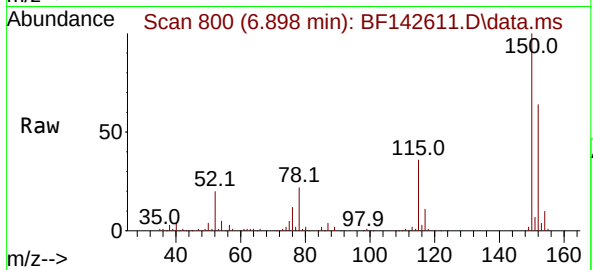
Quant Time: Jun 04 17:45:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



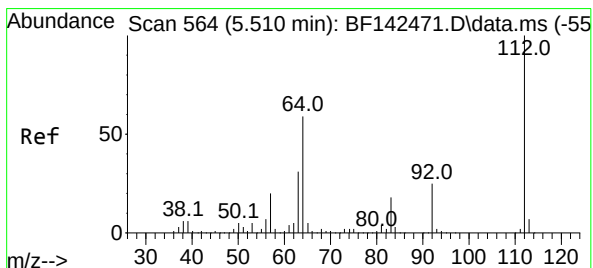
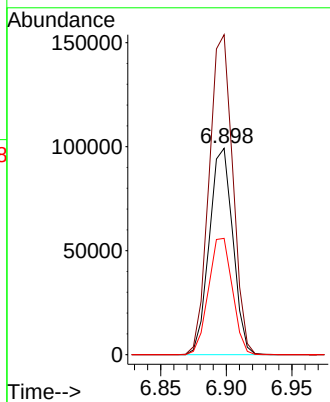
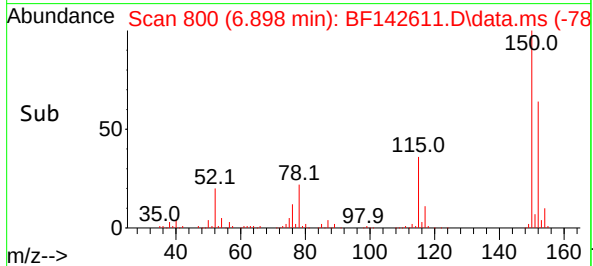


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

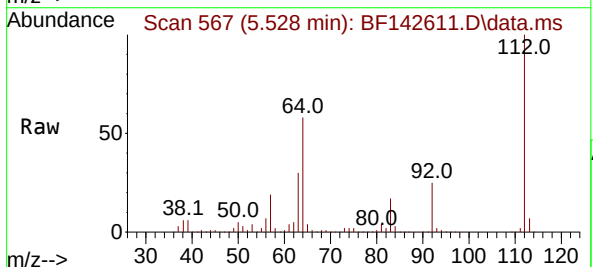
Instrument :
BNA_F
ClientSampleId :



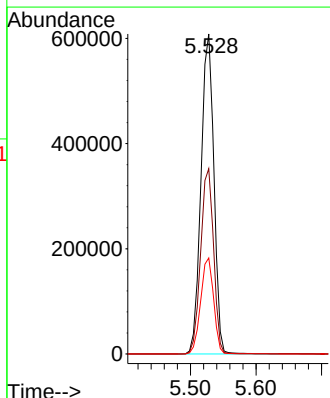
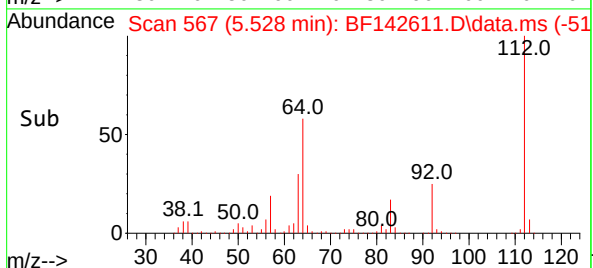
Tgt Ion:152 Resp: 124020
Ion Ratio Lower Upper
152 100
150 155.1 128.2 192.4
115 56.4 48.3 72.5

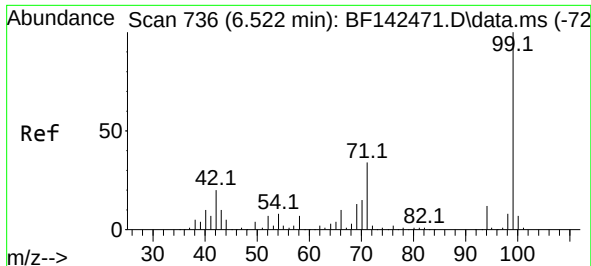


#5
2-Fluorophenol
Concen: 113.391 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17



Tgt Ion:112 Resp: 834703
Ion Ratio Lower Upper
112 100
64 57.9 47.5 71.3
63 30.0 24.9 37.3

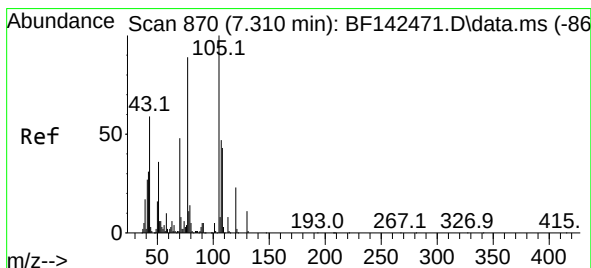
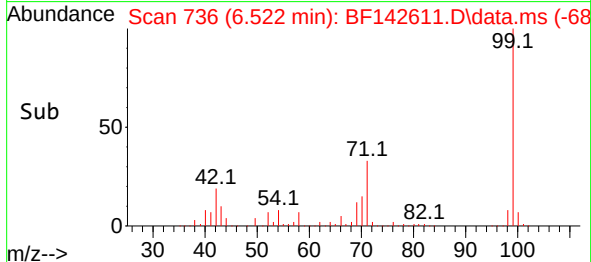
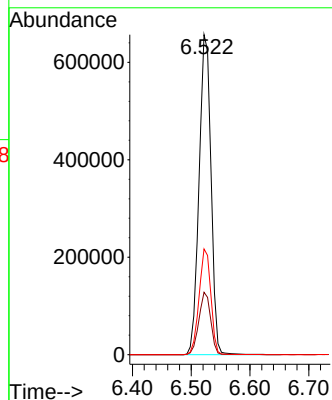
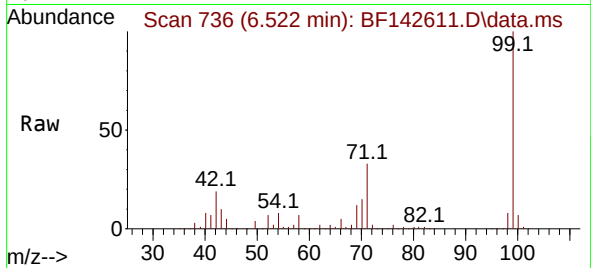




#7
Phenol-d6
Concen: 104.488 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

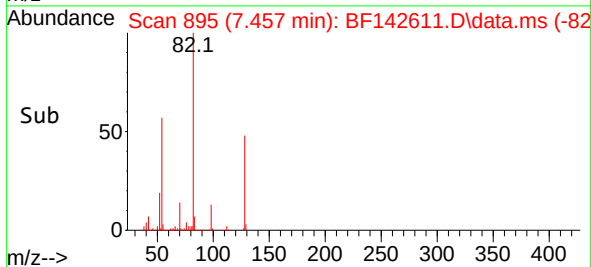
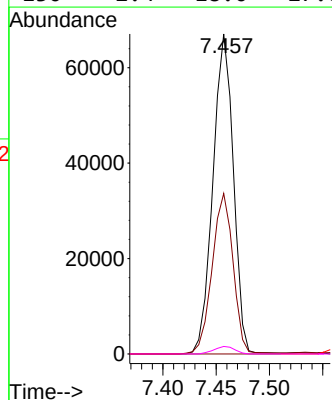
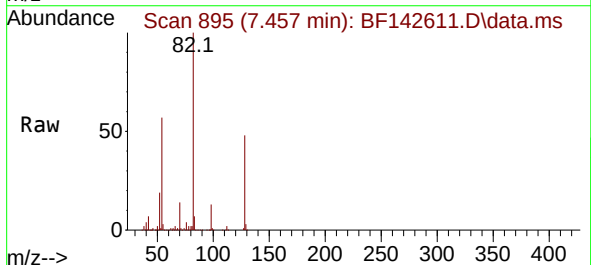
Instrument :
BNA_F
ClientSampleId :

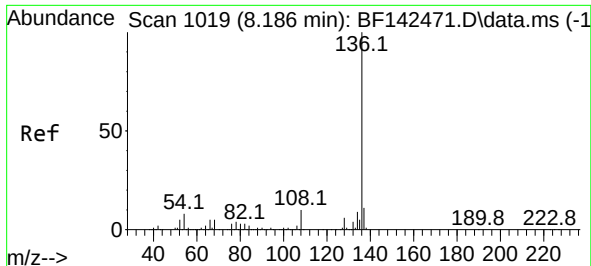
Tgt Ion: 99 Resp: 925891
Ion Ratio Lower Upper
99 100
42 19.5 16.2 24.2
71 33.0 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.320 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

Tgt Ion: 70 Resp: 89625
Ion Ratio Lower Upper
70 100
42 50.1 52.4 78.6#
101 0.0 7.8 11.8#
130 2.4 18.0 27.0#



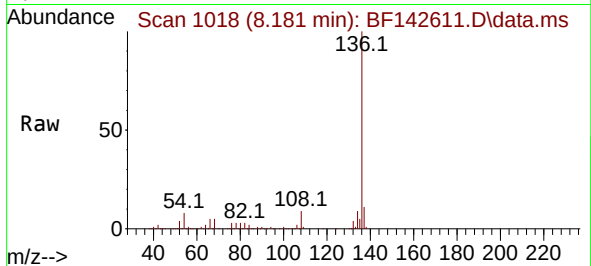


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

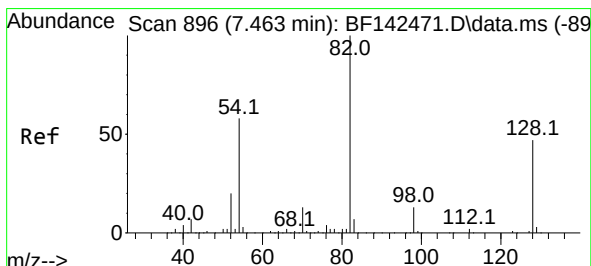
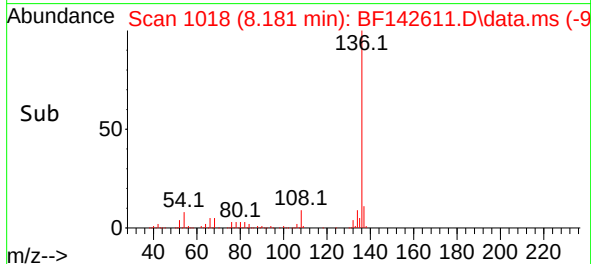
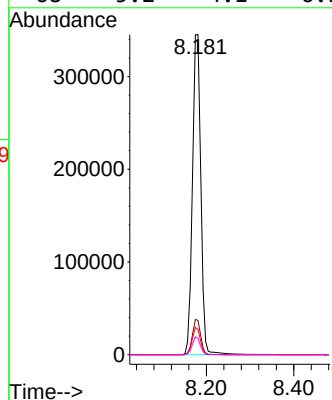
Instrument :

BNA_F

ClientSampleId :

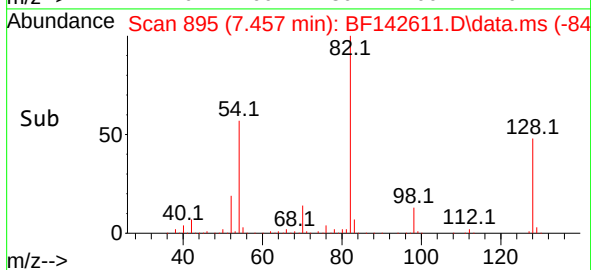
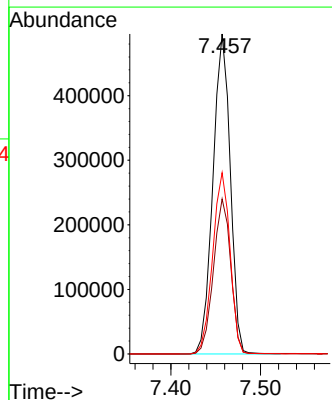
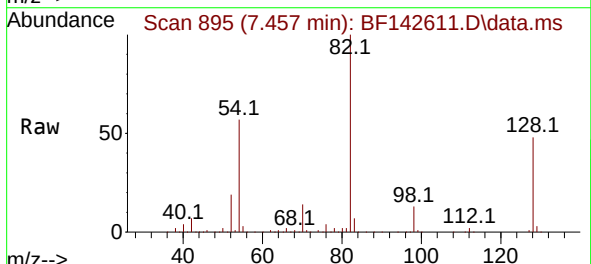


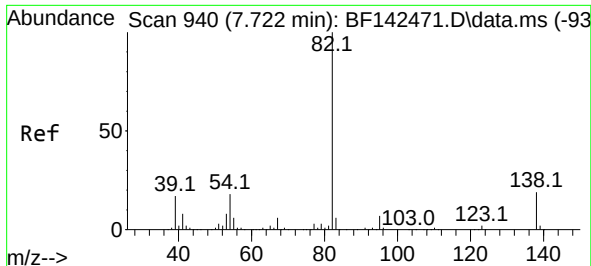
Tgt Ion:136 Resp: 460895
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 6.6 10.0
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.773 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

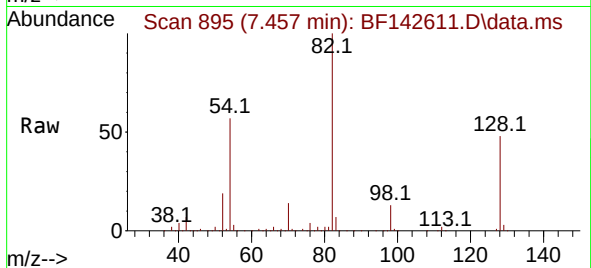
Tgt Ion: 82 Resp: 665811
Ion Ratio Lower Upper
82 100
128 48.5 37.4 56.2
54 56.7 46.6 70.0



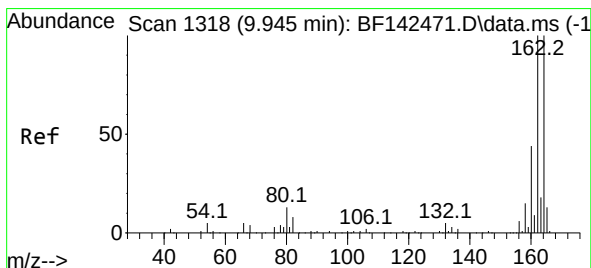
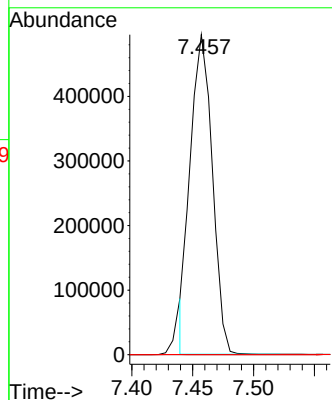
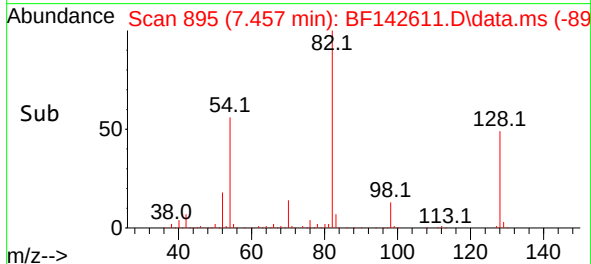


#25
Isophorone
Concen: 44.069 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

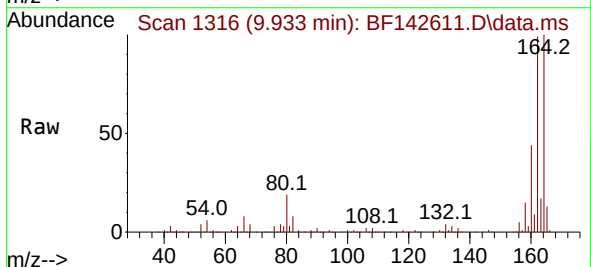
Instrument :
BNA_F
ClientSampleId :



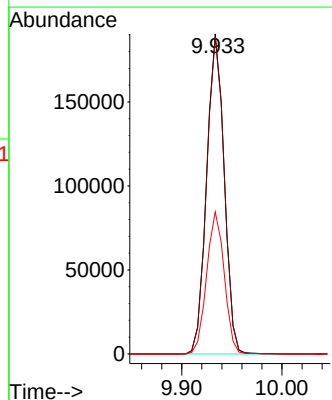
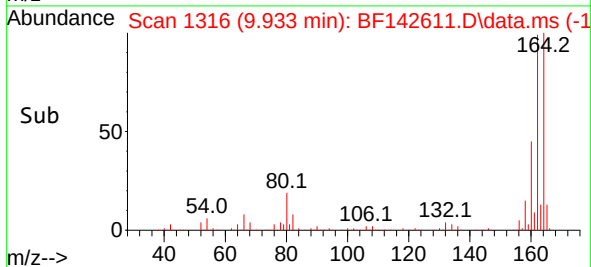
Tgt Ion: 82 Resp: 622766
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#

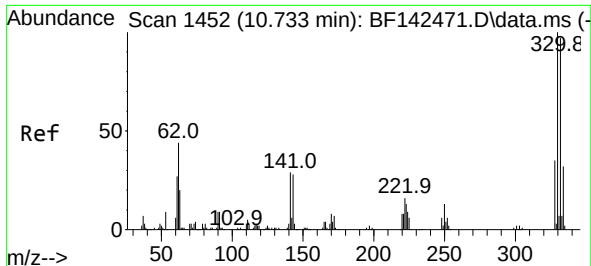


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17



Tgt Ion:164 Resp: 232406
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.4
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 114.912 ng

RT: 10.727 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF142611.D

Acq: 04 Jun 2025 17:17

Instrument :

BNA_F

ClientSampleId :

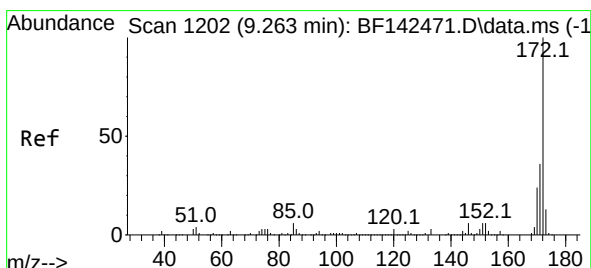
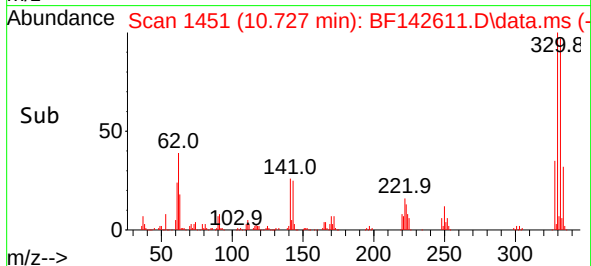
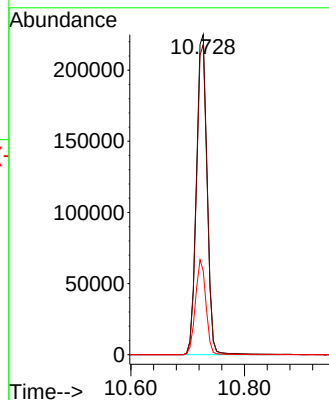
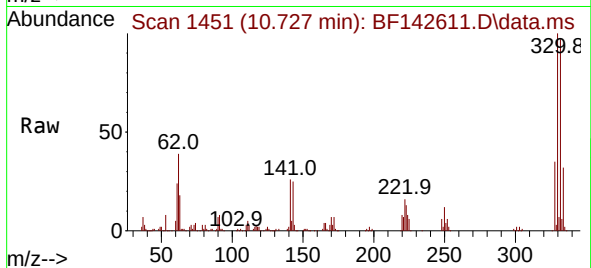
Tgt Ion:330 Resp: 296405

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 29.1 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 75.868 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142611.D

Acq: 04 Jun 2025 17:17

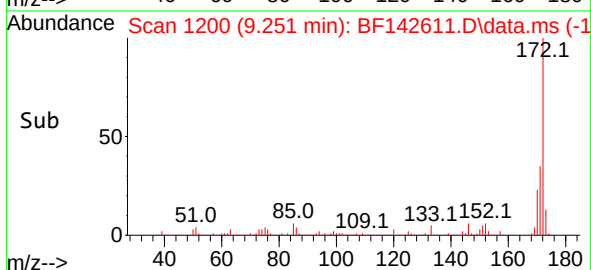
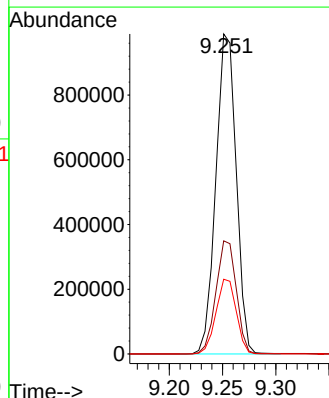
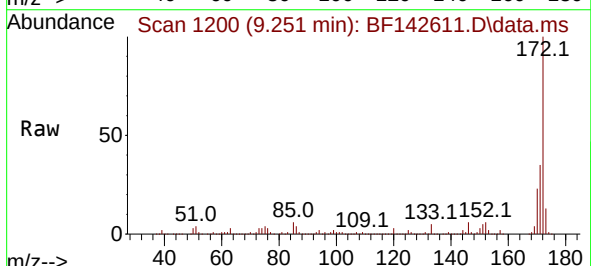
Tgt Ion:172 Resp: 1314011

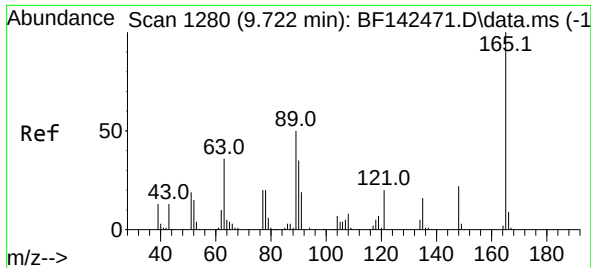
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.4 18.9 28.3

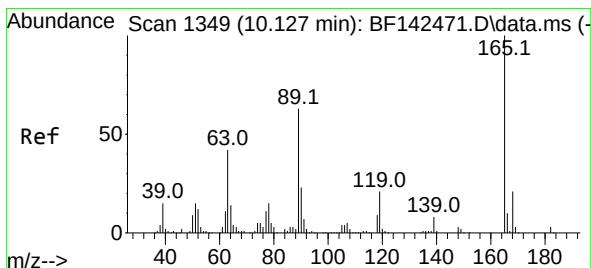
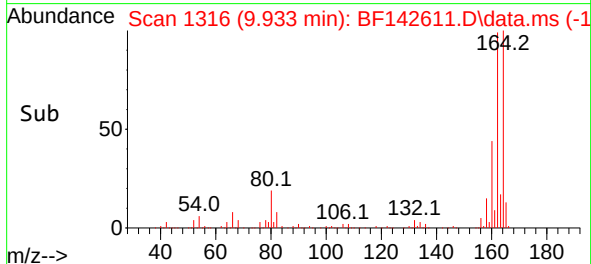
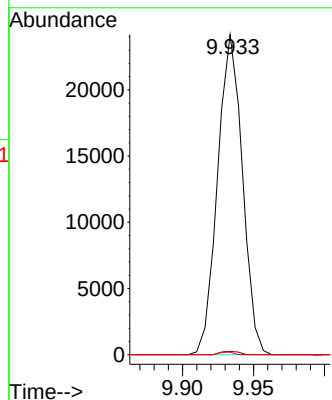
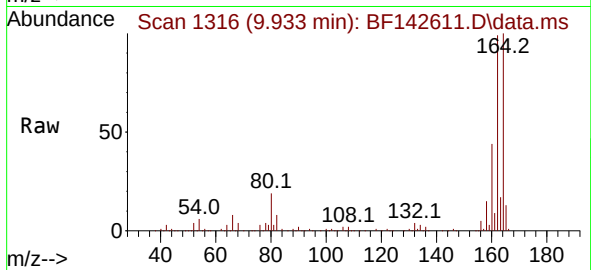




#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

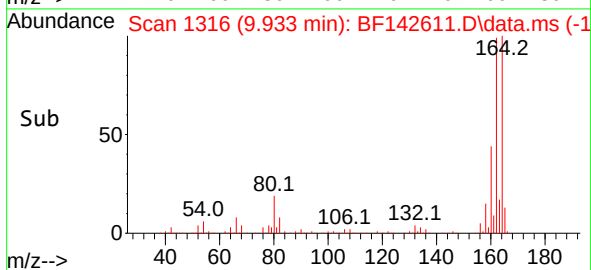
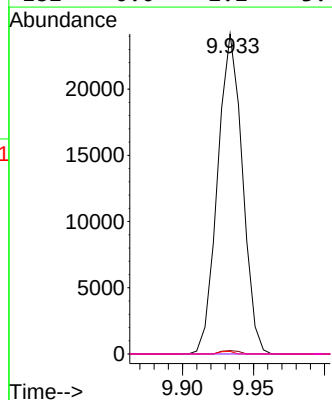
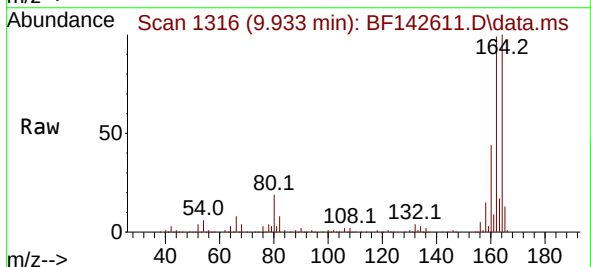
Instrument :
BNA_F
ClientSampleId :

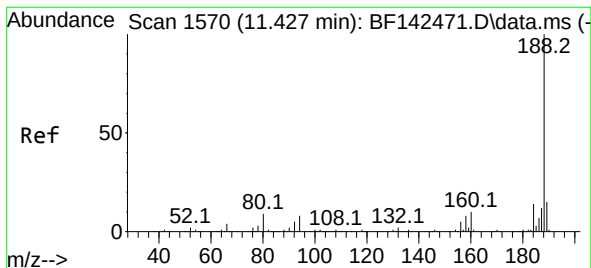
Tgt Ion:165 Resp: 29332
Ion Ratio Lower Upper
165 100
63 1.0 42.9 64.3#
89 0.8 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

Tgt Ion:165 Resp: 29332
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: 11.422 min Scan# 11

Delta R.T. -0.012 min

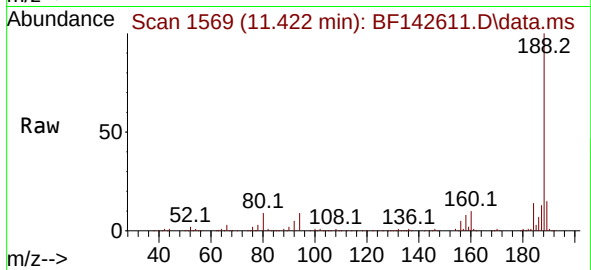
Lab File: BF142611.D

Acq: 04 Jun 2025 17:17

Instrument :

BNA_F

ClientSampleId :



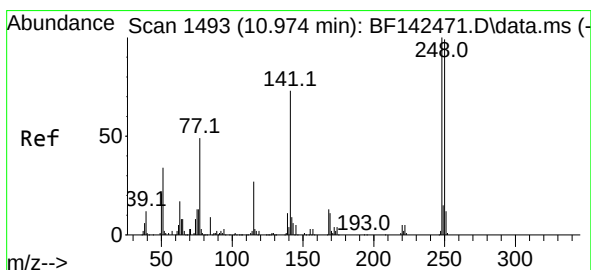
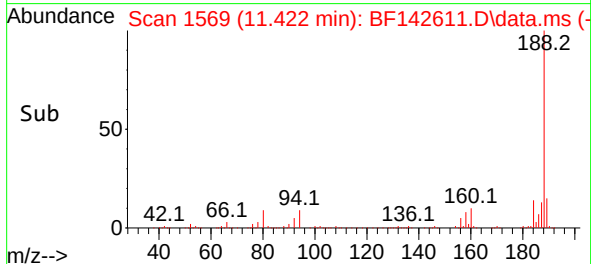
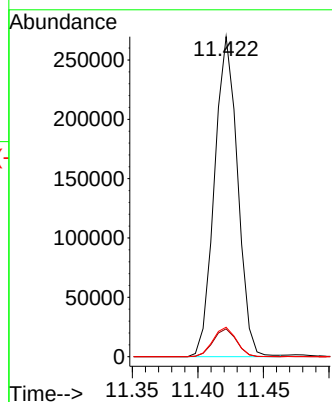
Tgt Ion:188 Resp: 330716

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.2 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.803 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142611.D

Acq: 04 Jun 2025 17:17

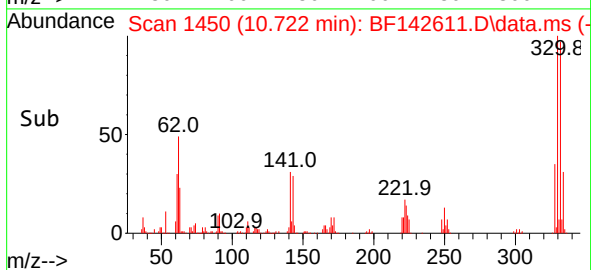
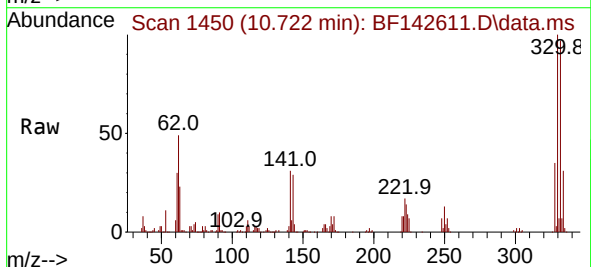
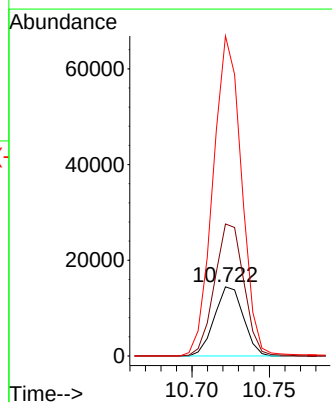
Tgt Ion:248 Resp: 18783

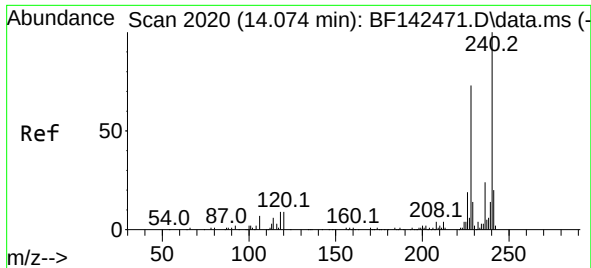
Ion Ratio Lower Upper

248 100

250 190.9 79.0 118.4#

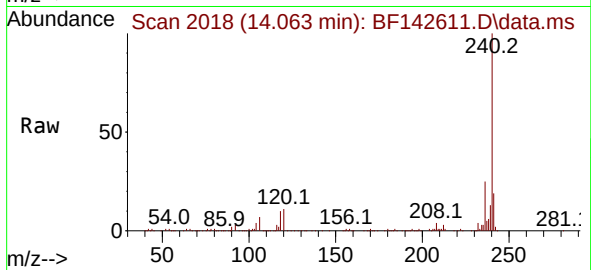
141 462.4 58.4 87.6#



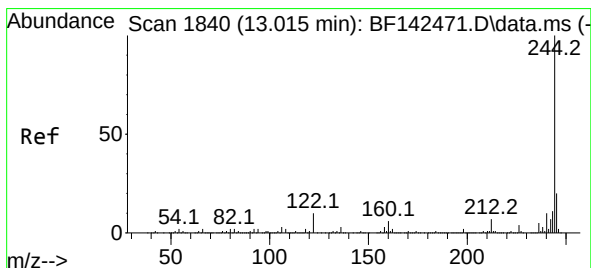
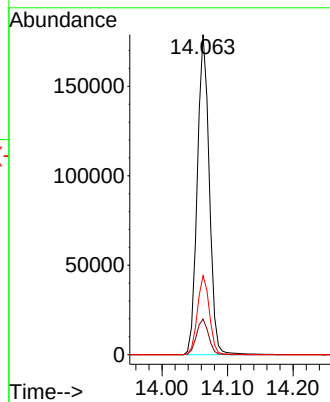
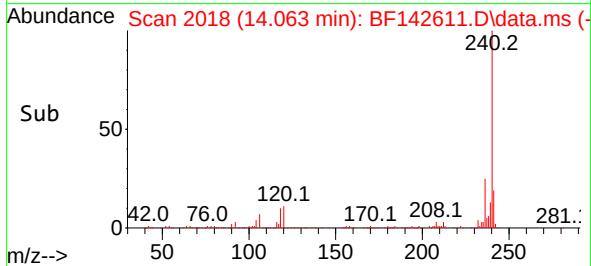


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

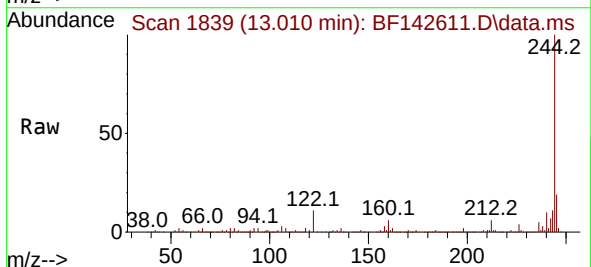
Instrument :
BNA_F
ClientSampleId :



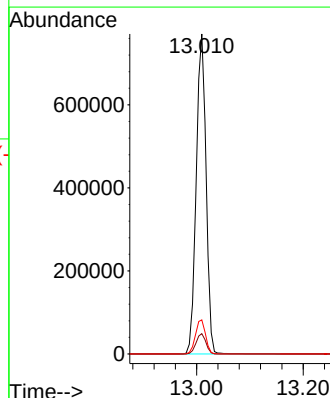
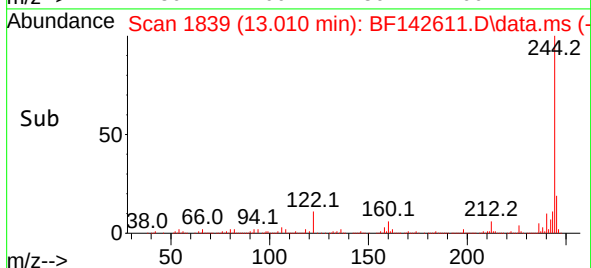
Tgt Ion:240 Resp: 227312
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 24.7 19.6 29.4

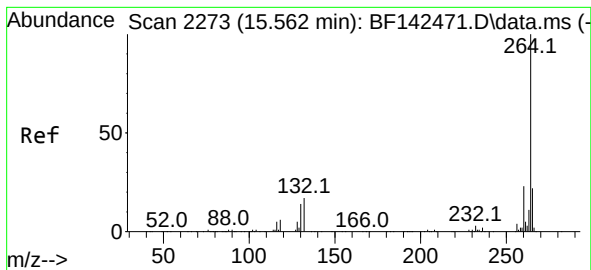


#79
Terphenyl-d14
Concen: 59.504 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17



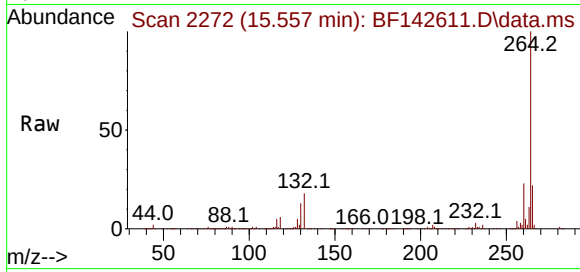
Tgt Ion:244 Resp: 989791
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 10.7 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142611.D
Acq: 04 Jun 2025 17:17

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 277244
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.6 17.7 26.5

