

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142733.D
 Acq On : 11 Jun 2025 14:21
 Operator : RC/JU
 Sample : Q2268-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 15:02:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

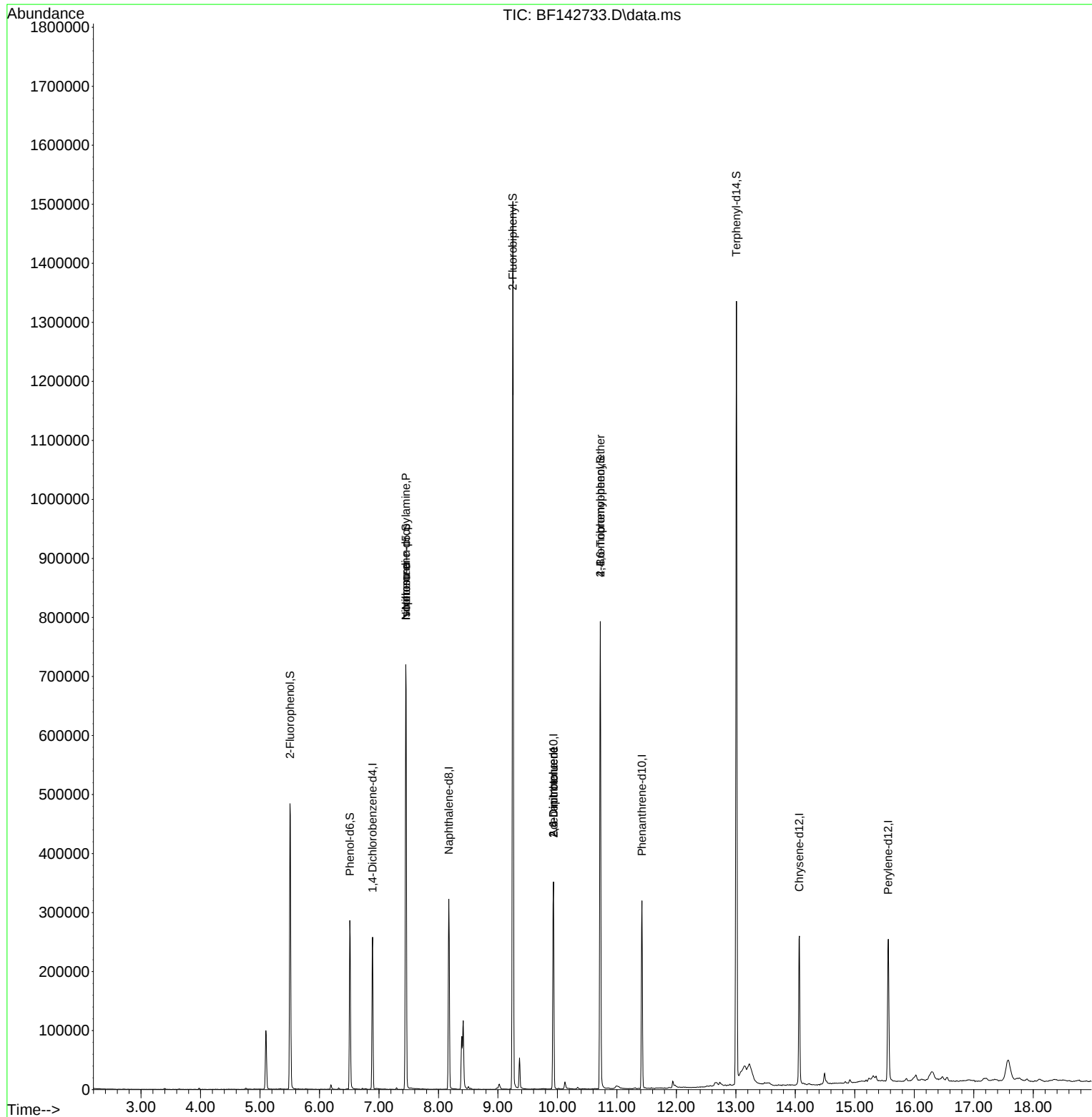
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	56877	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	208595	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	105257	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	167256	20.000	ng	0.00
76) Chrysene-d12	14.068	240	135665	20.000	ng	0.00
86) Perylene-d12	15.562	264	154126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	187042	56.008	ng	0.00
7) Phenol-d6	6.510	99	128846	32.784	ng	-0.01
23) Nitrobenzene-d5	7.451	82	316144	82.945	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	136374	118.216	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	677554	85.521	ng	0.00
79) Terphenyl-d14	13.010	244	658313	66.646	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	42624	17.036	ng	# 77
25) Isophorone	7.451	82	314106	48.673	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	13477	8.872	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	13477	6.710	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	8940	4.528	ng	# 1

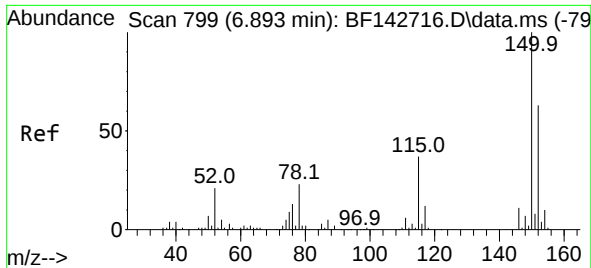
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142733.D
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Misc :
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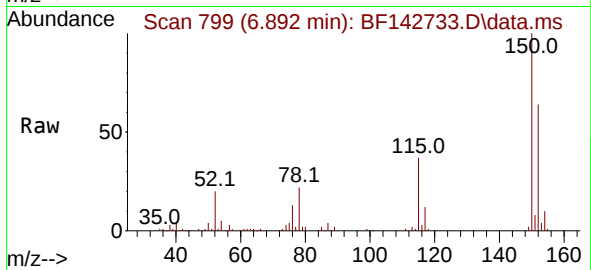
Quant Time: Jun 11 15:02:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



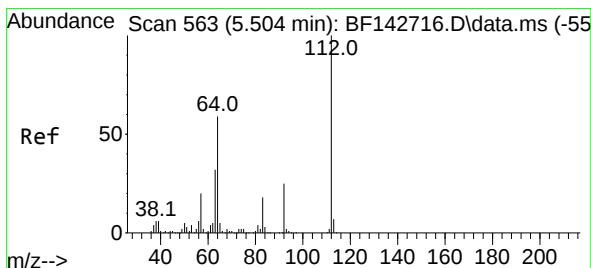
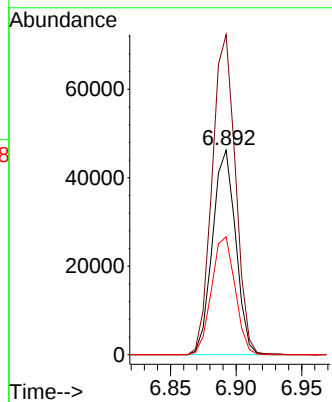
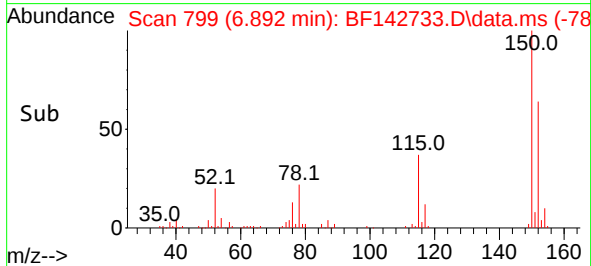


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Instrument :
BNA_F
ClientSampleId :

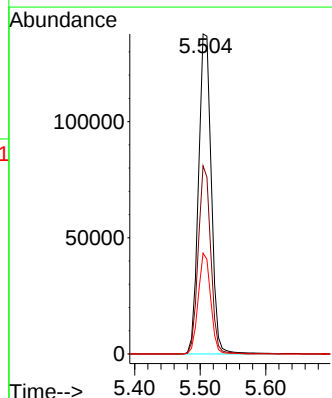
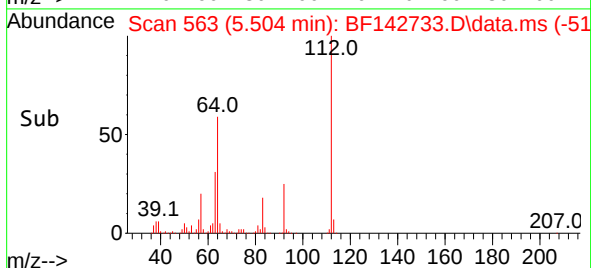
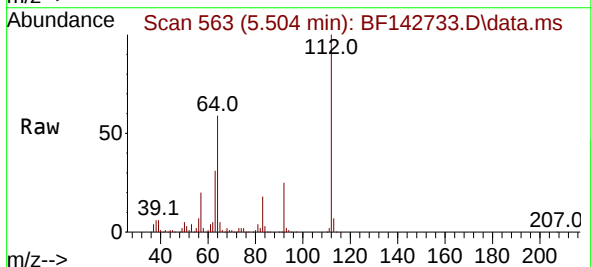


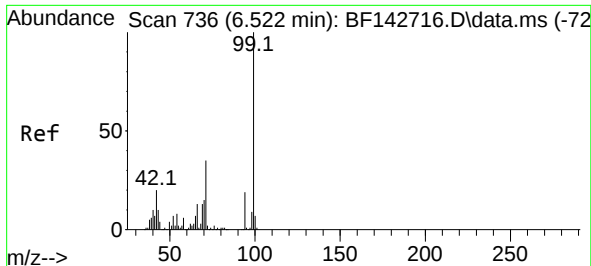
Tgt Ion:152 Resp: 56877
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 57.7 47.0 70.6



#5
2-Fluorophenol
Concen: 56.008 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion:112 Resp: 187042
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.2
63 31.5 25.4 38.0

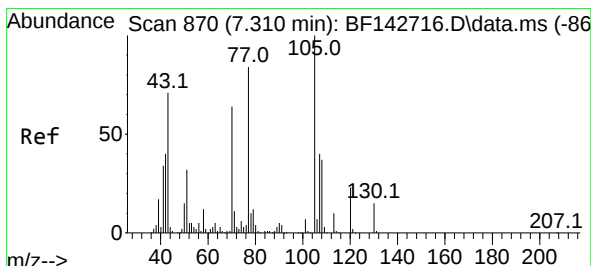
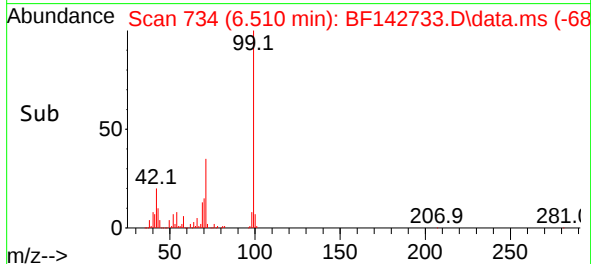
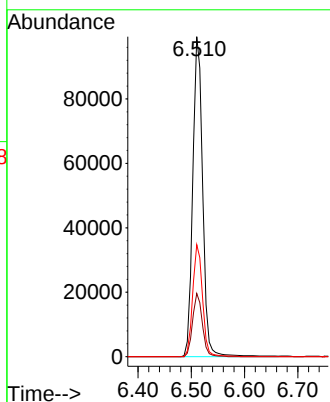
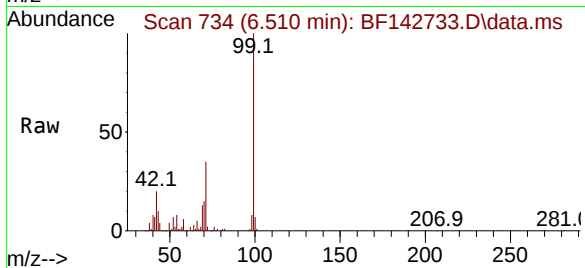




#7
Phenol-d6
Concen: 32.784 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

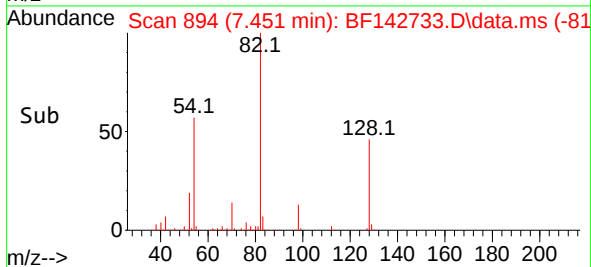
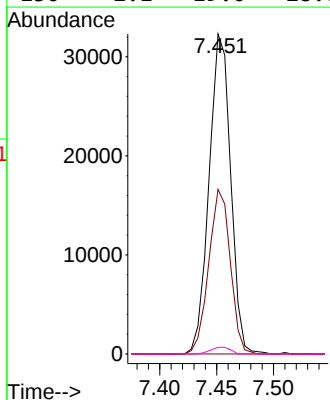
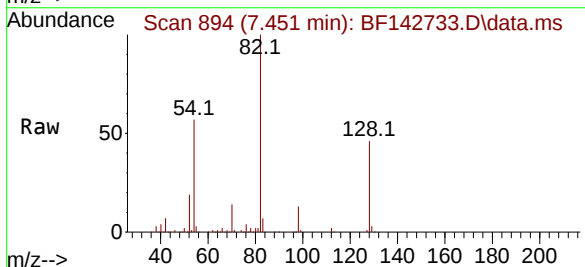
Instrument :
BNA_F
ClientSampleId :

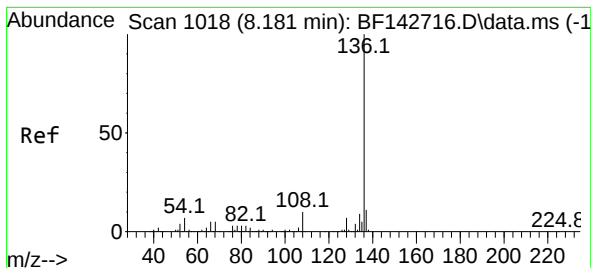
Tgt Ion: 99 Resp: 128846
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.0 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.036 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 70 Resp: 42624
Ion Ratio Lower Upper
70 100
42 51.4 50.2 75.4
101 0.0 8.3 12.5#
130 2.1 19.0 28.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 208595

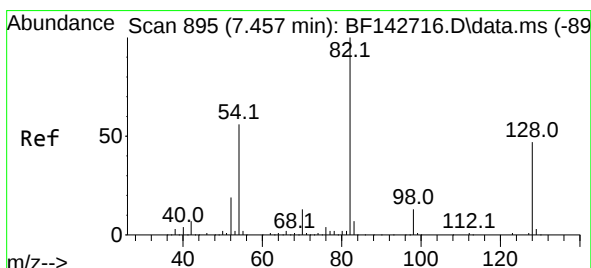
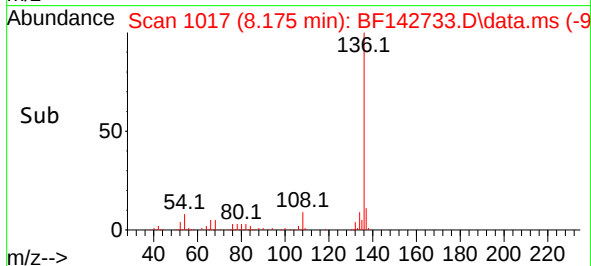
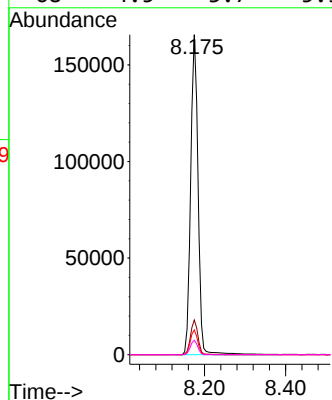
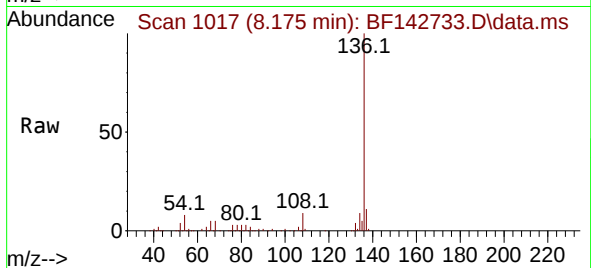
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.8 5.9 8.9

68 4.5 3.7 5.5



#23

Nitrobenzene-d5

Concen: 82.945 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

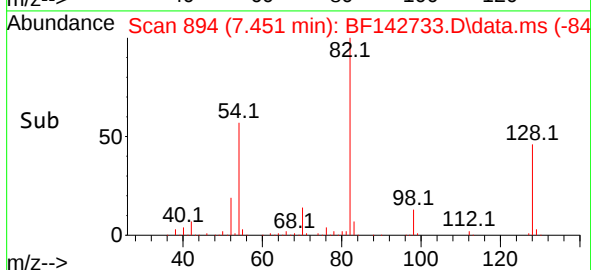
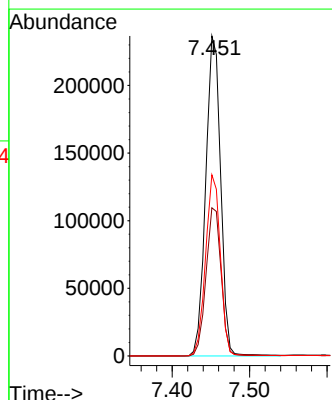
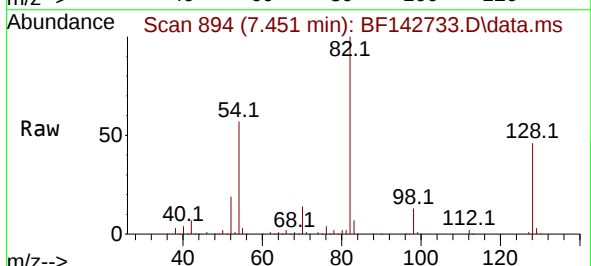
Tgt Ion: 82 Resp: 316144

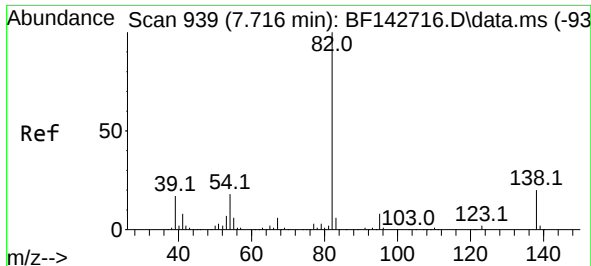
Ion Ratio Lower Upper

82 100

128 46.3 37.8 56.8

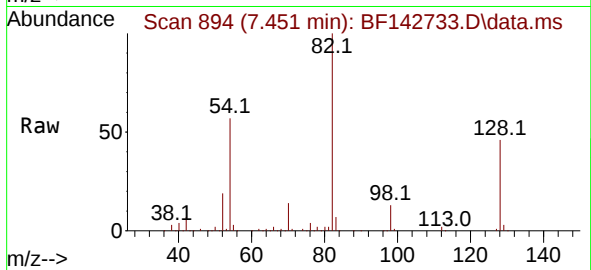
54 56.6 44.9 67.3



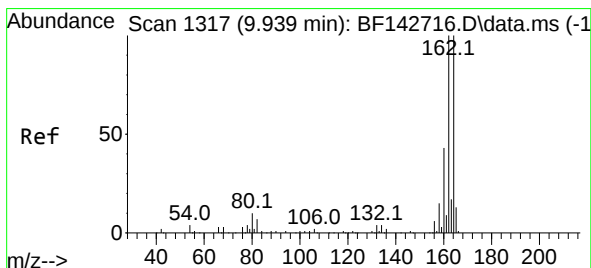
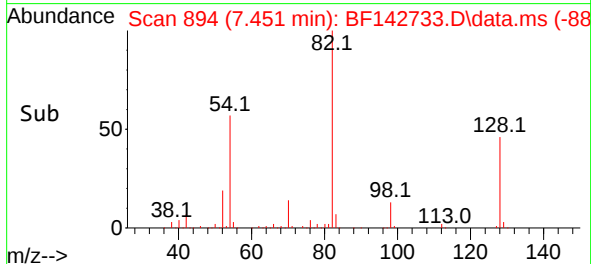
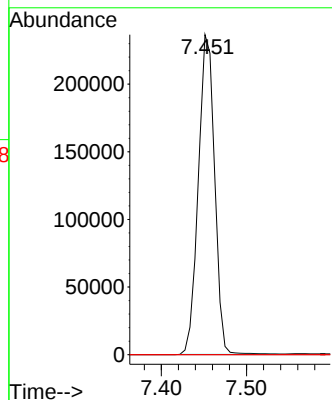


#25
Isophorone
Concen: 48.673 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Instrument :
BNA_F
ClientSampleId :

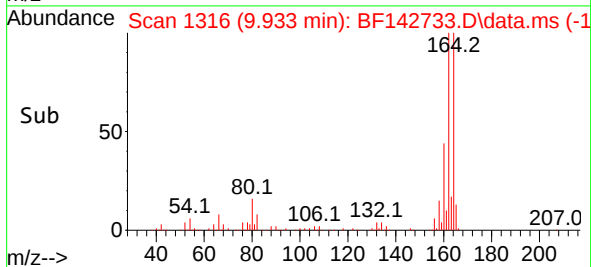
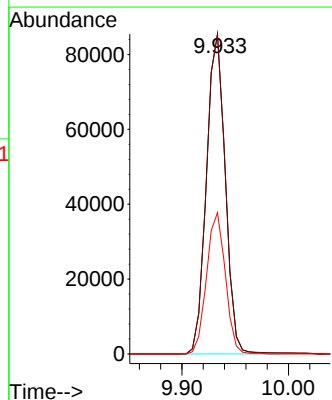
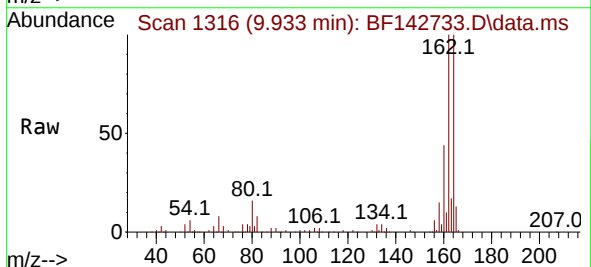


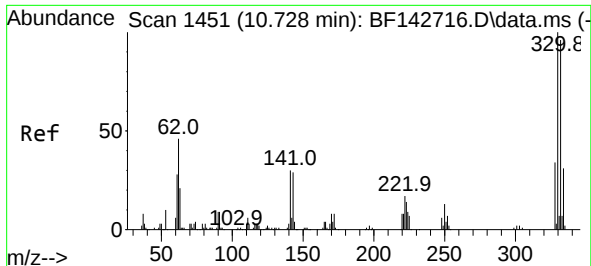
Tgt Ion: 82 Resp: 314106
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion:164 Resp: 105257
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 118.216 ng

RT: 10.722 min Scan# 1451

Delta R.T. -0.006 min

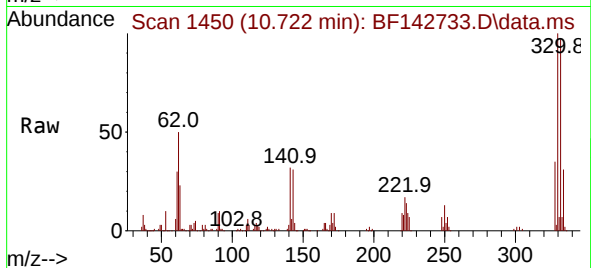
Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

Instrument :

BNA_F

ClientSampleId :



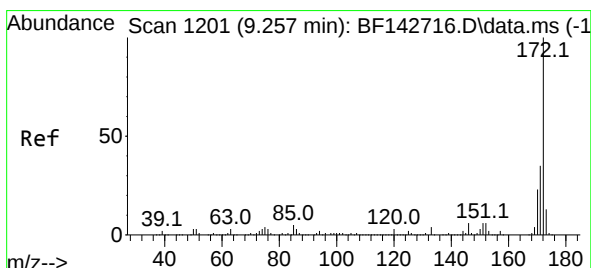
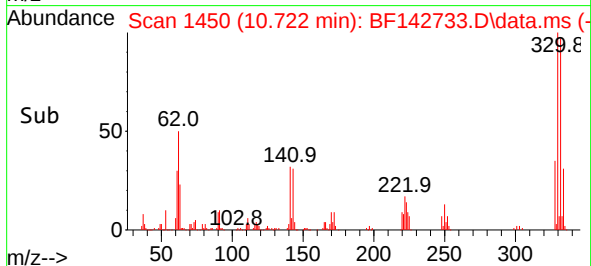
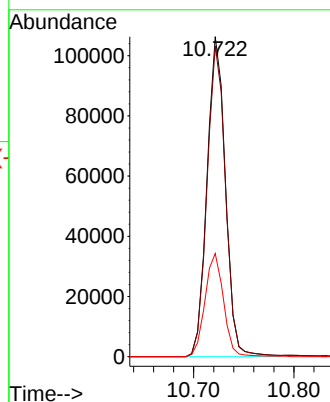
Tgt Ion:330 Resp: 136374

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

141 32.5 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 85.521 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

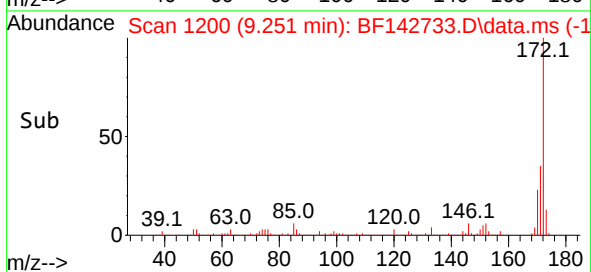
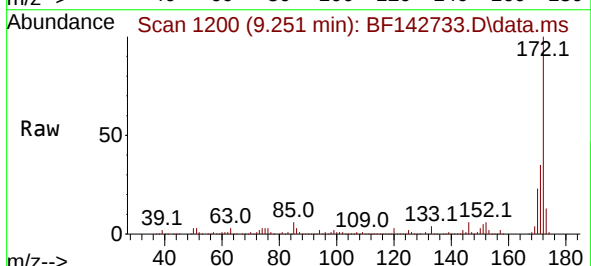
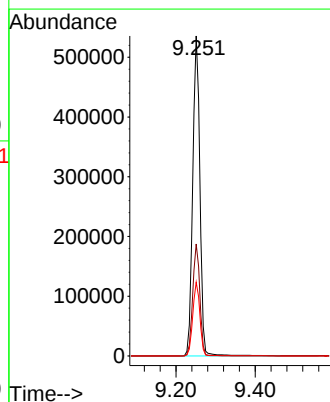
Tgt Ion:172 Resp: 677554

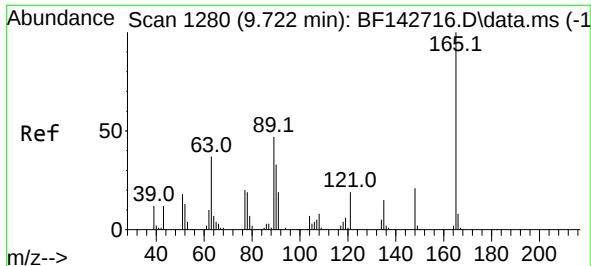
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.0 18.6 27.8

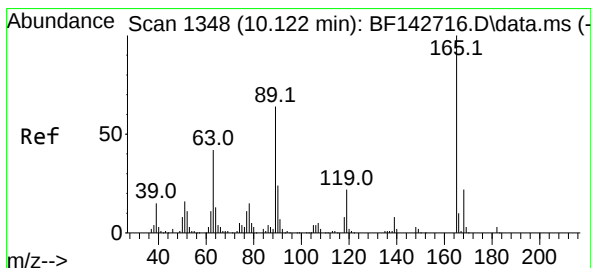
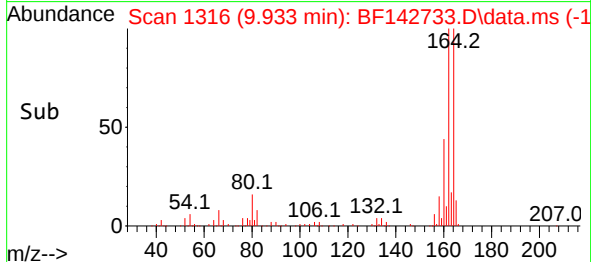
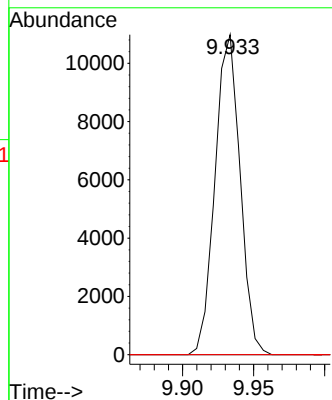
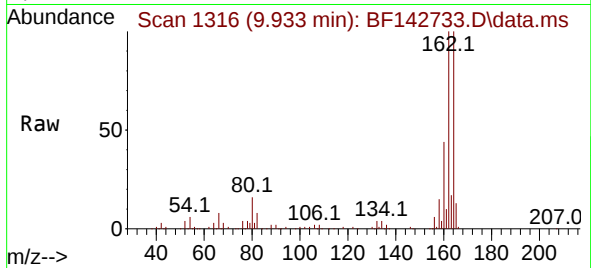




#51
2,6-Dinitrotoluene
Concen: 8.872 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

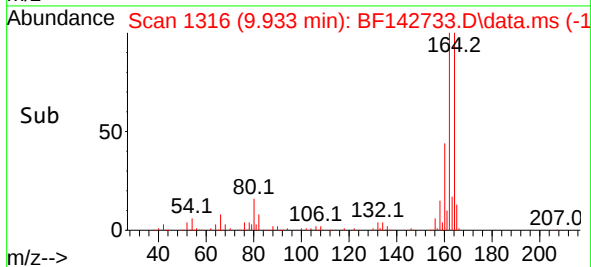
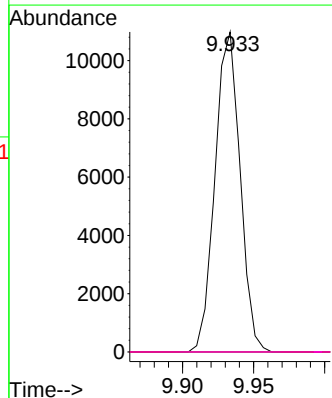
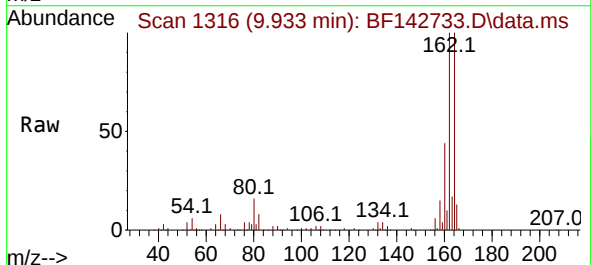
Instrument :
BNA_F
ClientSampleId :

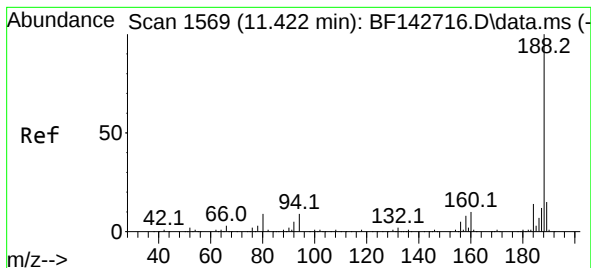
Tgt Ion:165 Resp: 13477
Ion Ratio Lower Upper
165 100
63 0.0 40.6 60.8#
89 0.0 37.6 56.4#



#57
2,4-Dinitrotoluene
Concen: 6.710 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion:165 Resp: 13477
Ion Ratio Lower Upper
165 100
63 0.0 34.1 51.1#
89 0.0 50.8 76.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

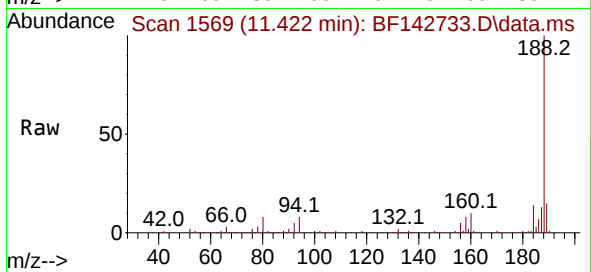
Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

Instrument :

BNA_F

ClientSampleId :



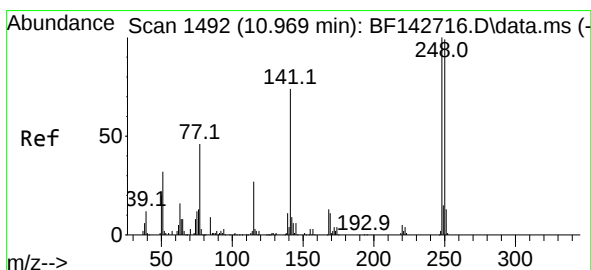
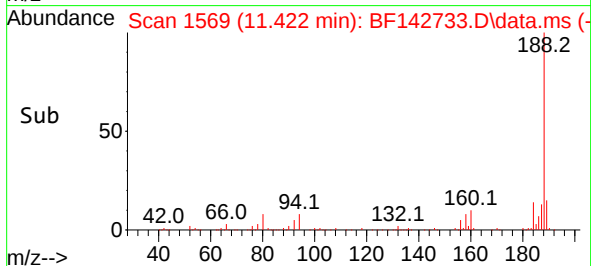
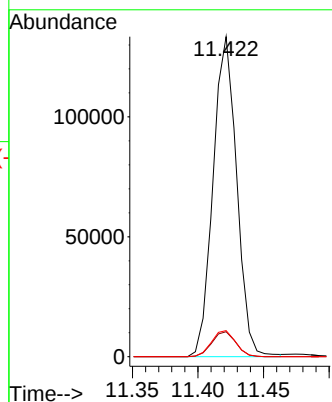
Tgt Ion:188 Resp: 167256

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 8.2 7.1 10.7



#67

4-Bromophenyl-phenylether

Concen: 4.528 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

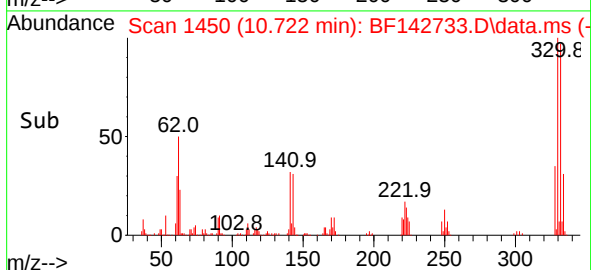
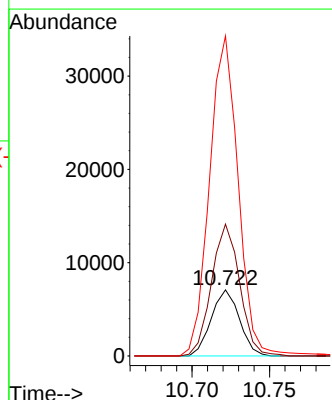
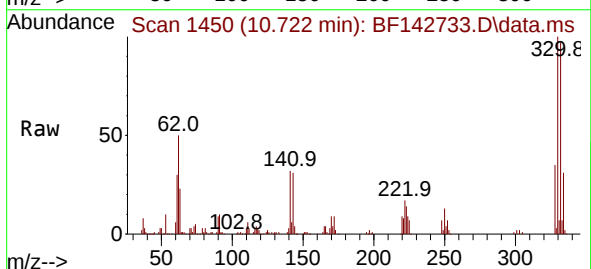
Tgt Ion:248 Resp: 8940

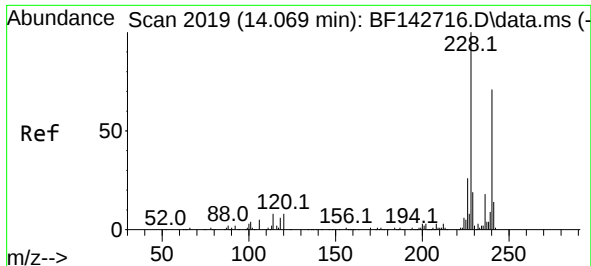
Ion Ratio Lower Upper

248 100

250 199.4 79.2 118.8#

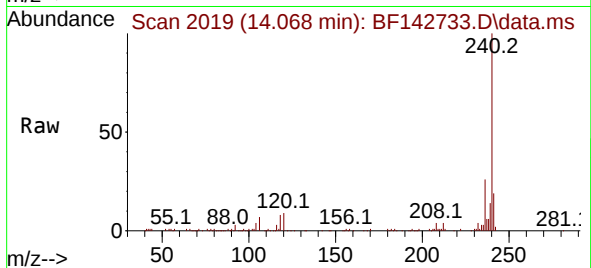
141 484.0 59.3 88.9#



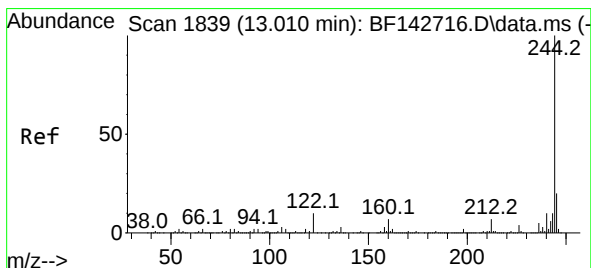
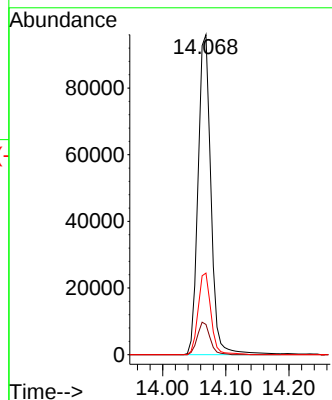
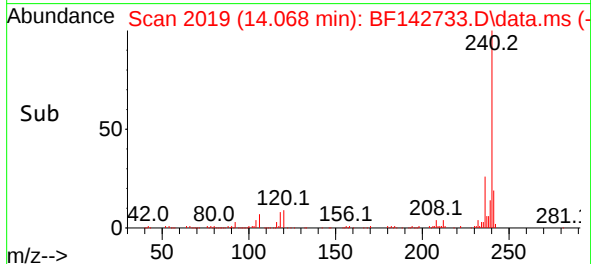


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

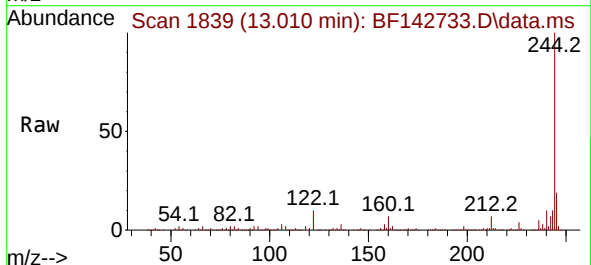
Instrument :
BNA_F
ClientSampleId :



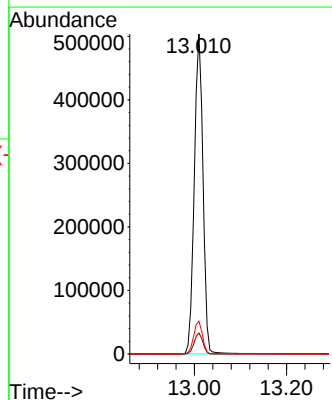
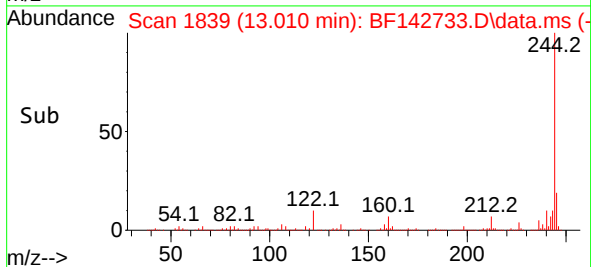
Tgt Ion:240 Resp: 135665
Ion Ratio Lower Upper
240 100
120 9.5 8.5 12.7
236 25.5 20.1 30.1

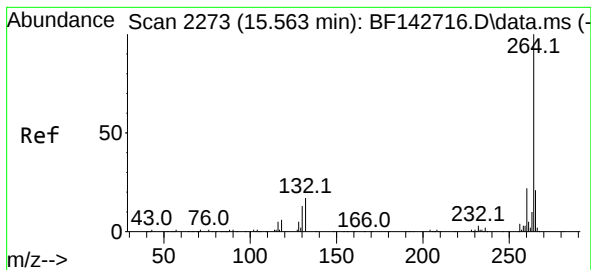


#79
Terphenyl-d14
Concen: 66.646 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21



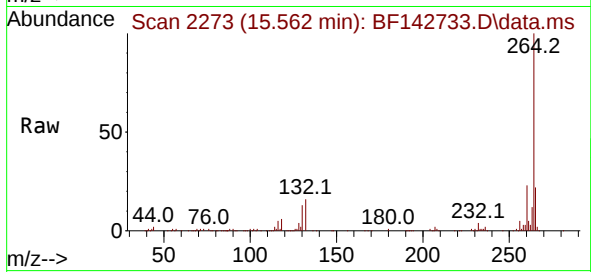
Tgt Ion:244 Resp: 658313
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 10.2 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 154126

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.8	26.6
265	21.6	16.6	25.0

