

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142731.D
 Acq On : 11 Jun 2025 13:18
 Operator : RC/JU
 Sample : PB168378BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 13:43:41 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)

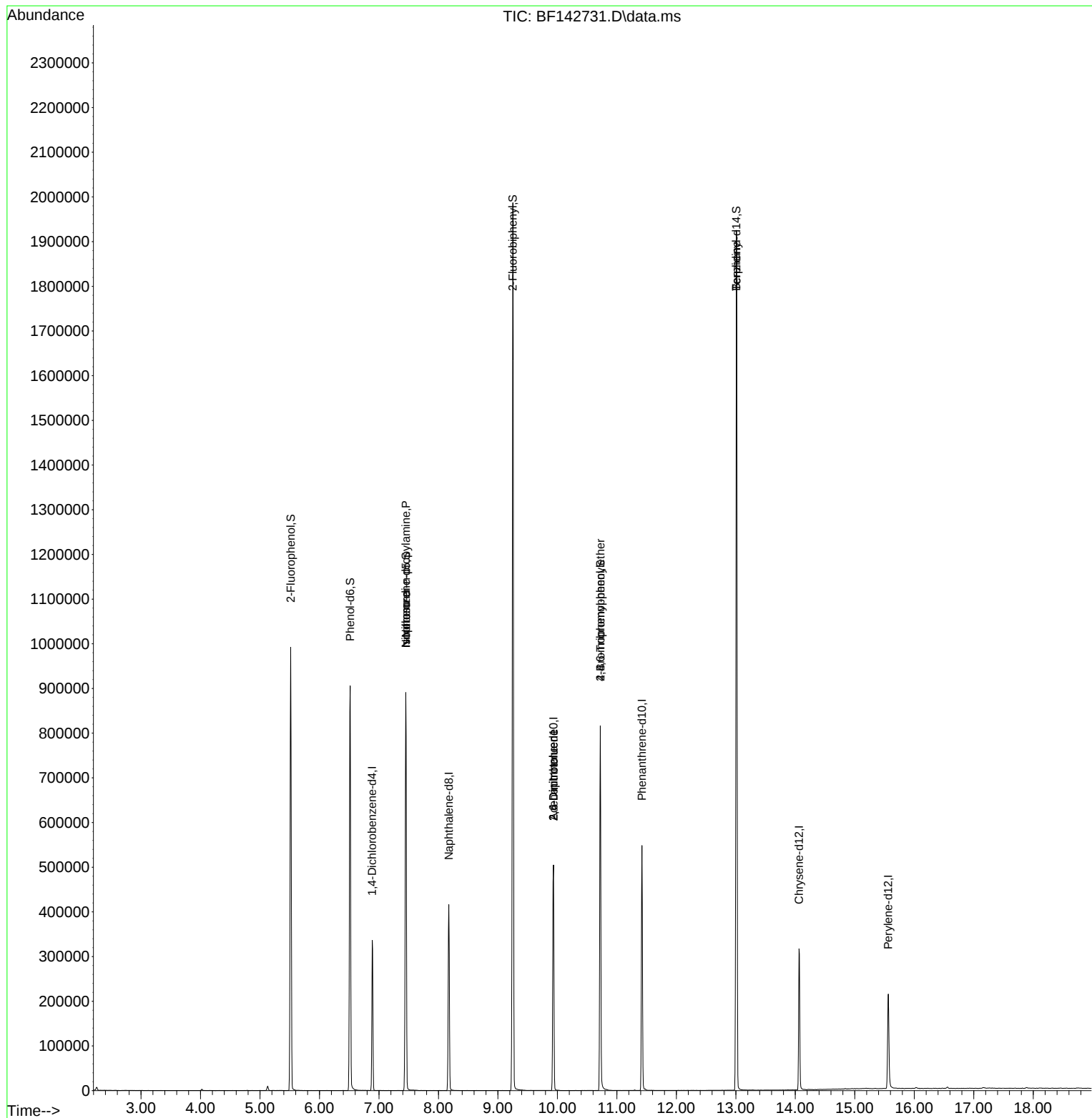
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74692	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	287648	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	160376	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	295895	20.000	ng	0.00
76) Chrysene-d12	14.063	240	168179	20.000	ng	0.00
86) Perylene-d12	15.563	264	142470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	375634	85.653	ng	0.01
7) Phenol-d6	6.516	99	443888	86.006	ng	0.00
23) Nitrobenzene-d5	7.451	82	416859	79.311	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	145994	83.060	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	944326	78.228	ng	0.00
79) Terphenyl-d14	13.010	244	984688	80.415	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	56615	17.231	ng	# 76
25) Isophorone	7.451	82	412480	46.350	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	20417	8.821	ng	# 28
57) 2,4-Dinitrotoluene	9.934	165	20417	6.671	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	8960	2.565	ng	# 1
77) Benzidine	13.010	184	12512	2.089	ng	# 94

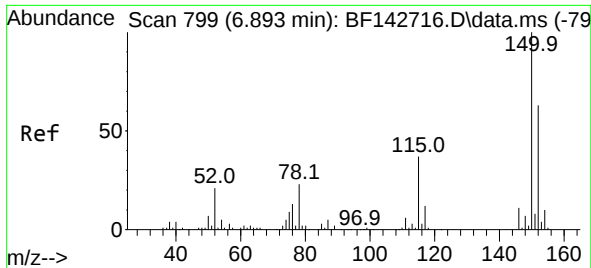
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142731.D
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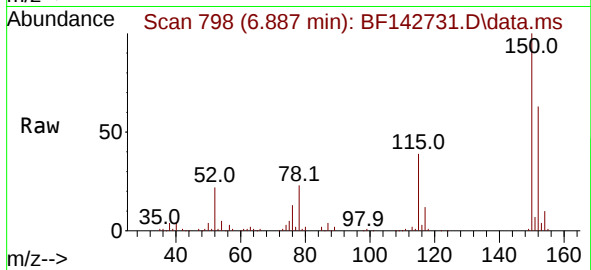
Quant Time: Jun 11 13:43:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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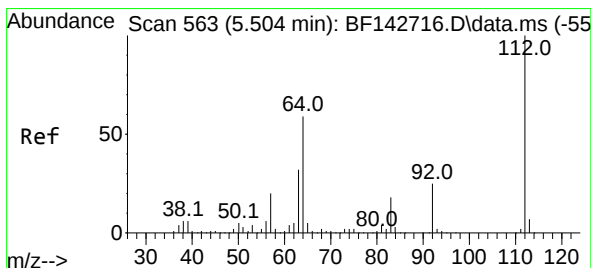
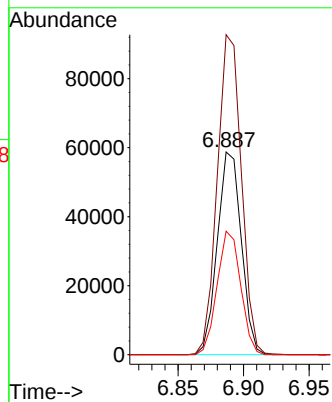
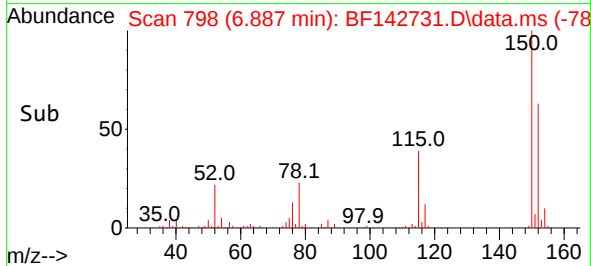


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

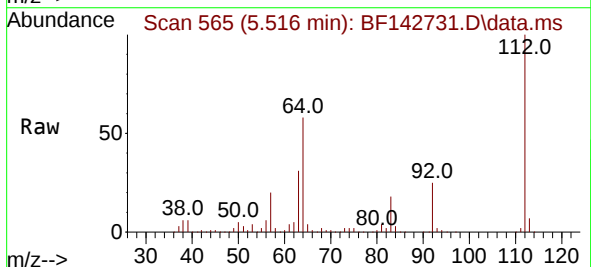
Instrument :
BNA_F
ClientSampleId :



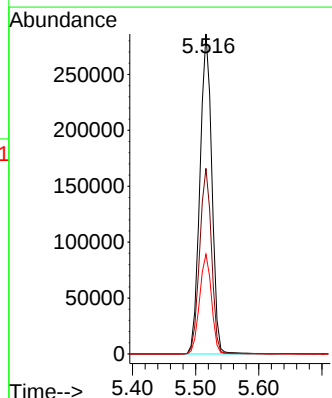
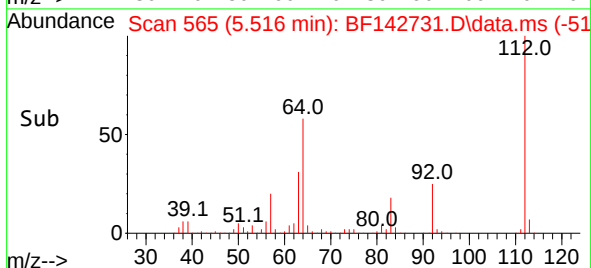
Tgt Ion:152 Resp: 74692
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 60.9 47.0 70.6

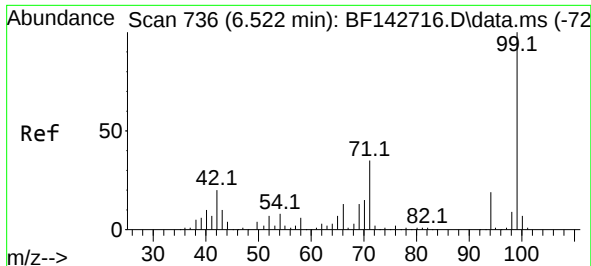


#5
2-Fluorophenol
Concen: 85.653 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18



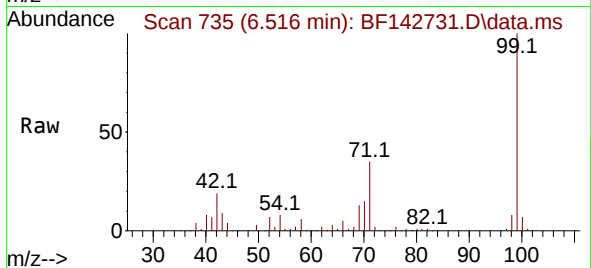
Tgt Ion:112 Resp: 375634
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.2
63 31.1 25.4 38.0



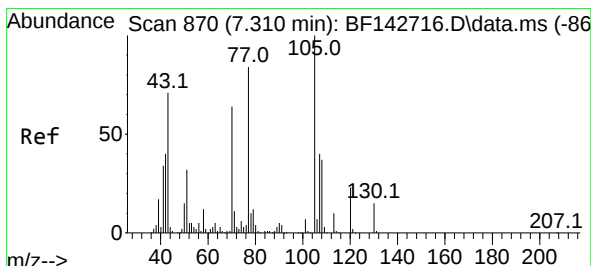
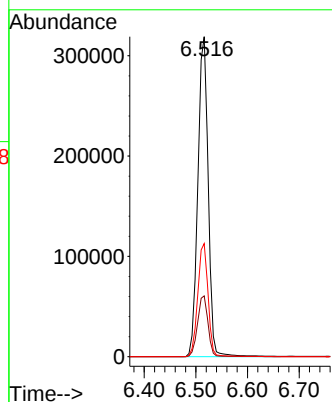
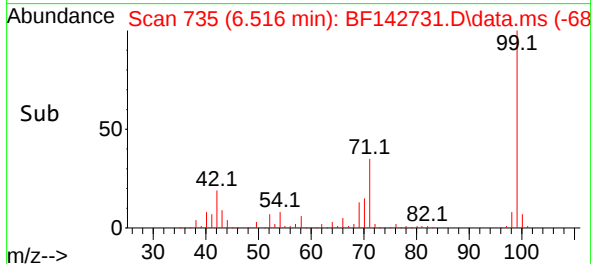


#7
Phenol-d6
Concen: 86.006 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

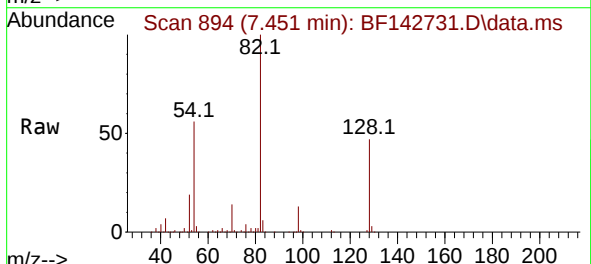
Instrument :
BNA_F
ClientSampleId :



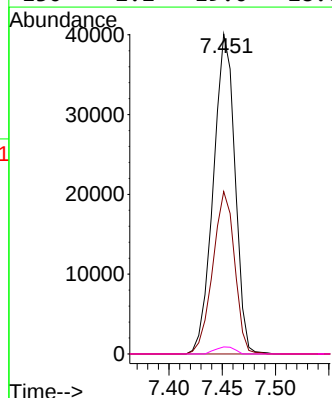
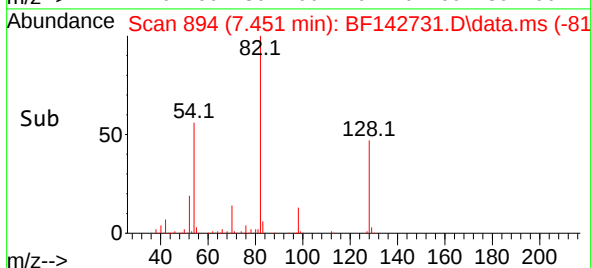
Tgt Ion: 99 Resp: 443888
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 35.4 28.0 42.0

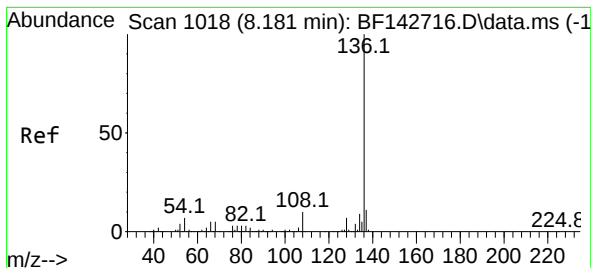


#19
n-Nitroso-di-n-propylamine
Concen: 17.231 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18



Tgt Ion: 70 Resp: 56615
Ion Ratio Lower Upper
70 100
42 50.7 50.2 75.4
101 0.0 8.3 12.5#
130 2.2 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: BF142731.D

Acq: 11 Jun 2025 13:18

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 287648

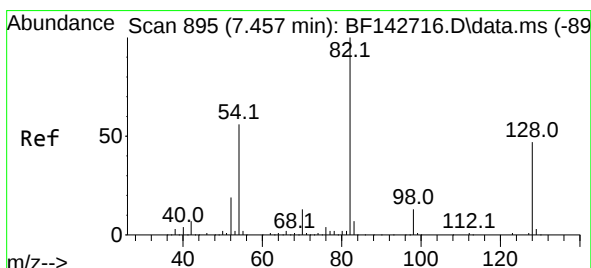
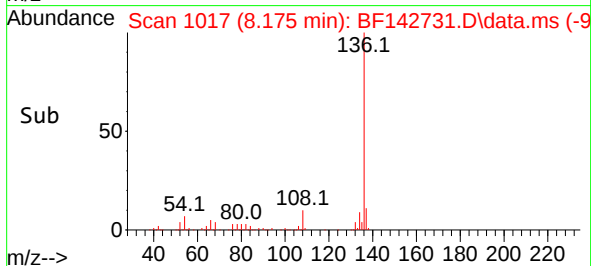
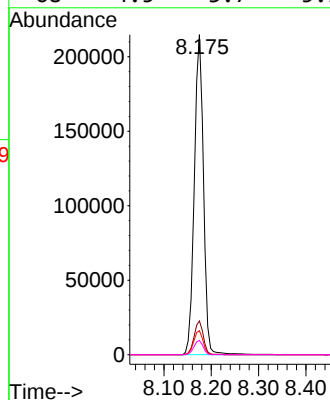
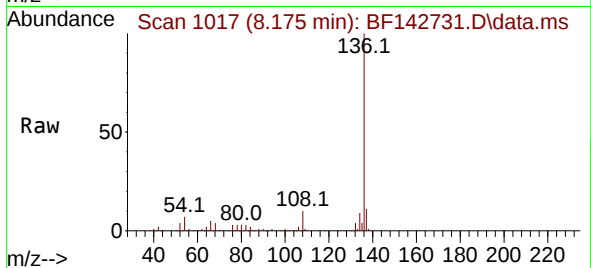
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.5 5.9 8.9

68 4.5 3.7 5.5



#23

Nitrobenzene-d5

Concen: 79.311 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

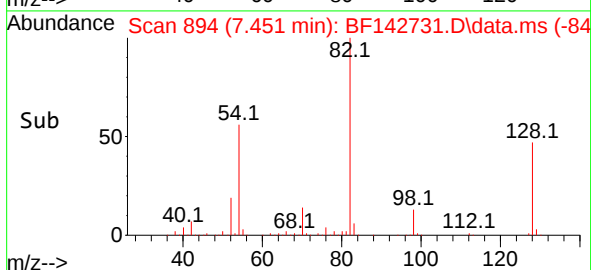
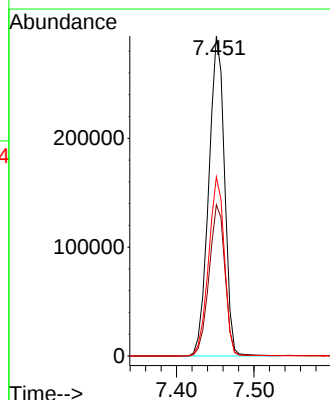
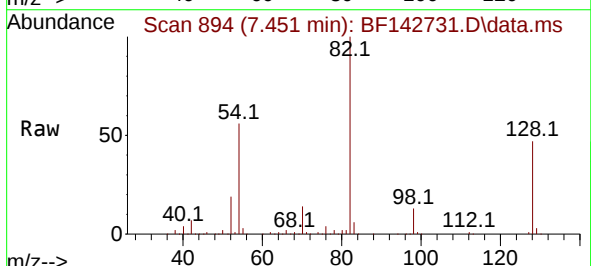
Tgt Ion: 82 Resp: 416859

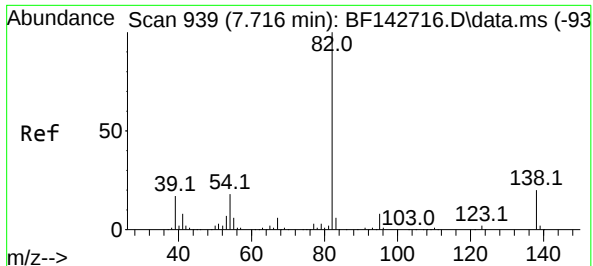
Ion Ratio Lower Upper

82 100

128 47.3 37.8 56.8

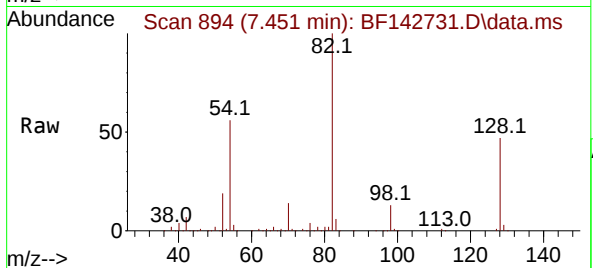
54 56.0 44.9 67.3



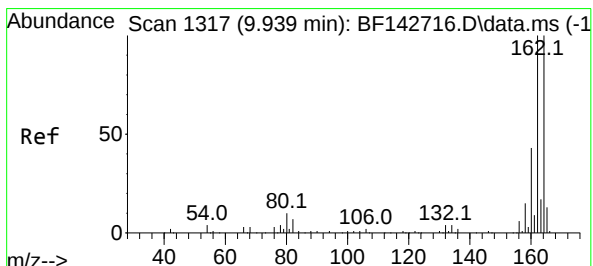
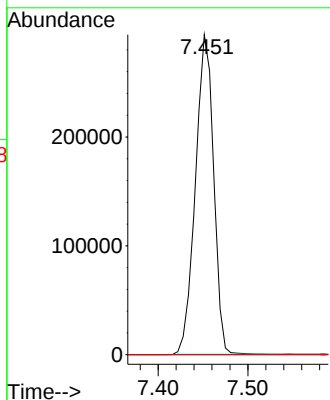
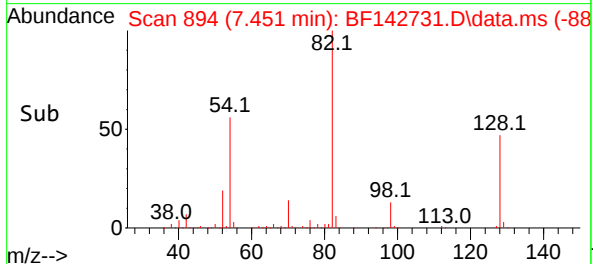


#25
Isophorone
Concen: 46.350 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :

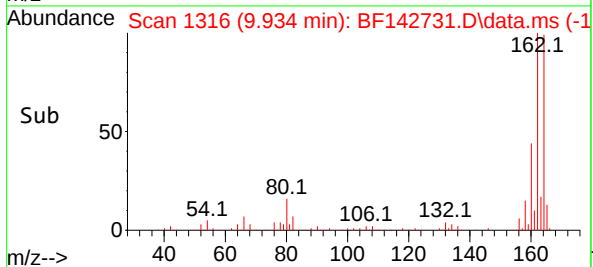
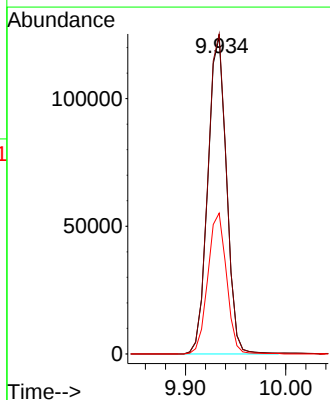
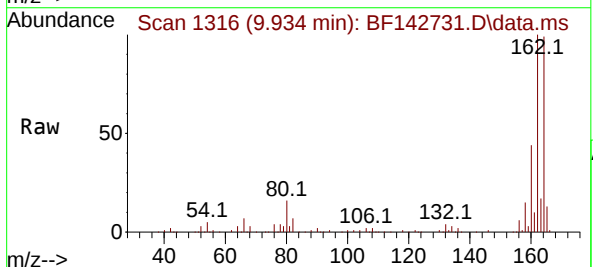


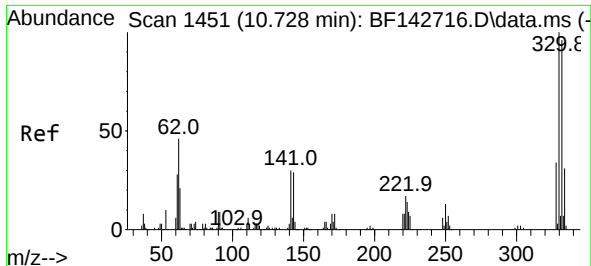
Tgt Ion: 82 Resp: 412480
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

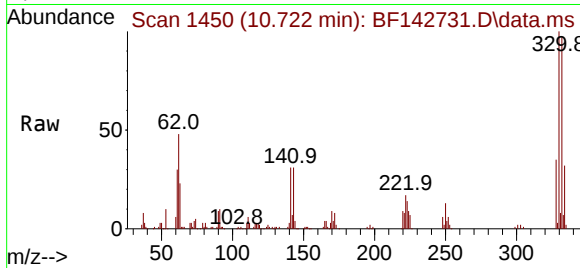
Tgt Ion:164 Resp: 160376
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 44.4 34.8 52.2



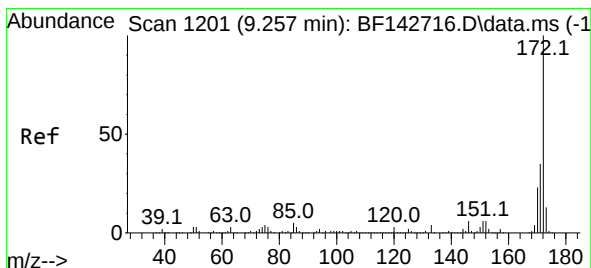
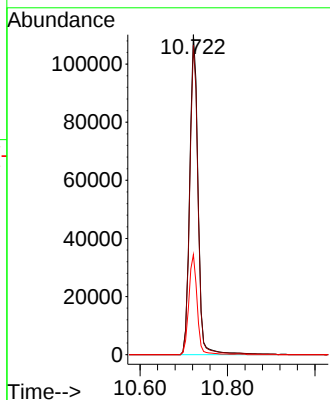
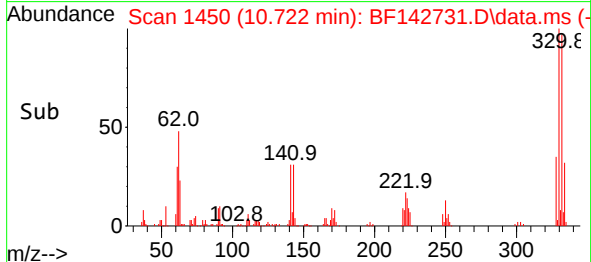


#42
 2,4,6-Tribromophenol
 Concen: 83.060 ng
 RT: 10.722 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142731.D
 Acq: 11 Jun 2025 13:18

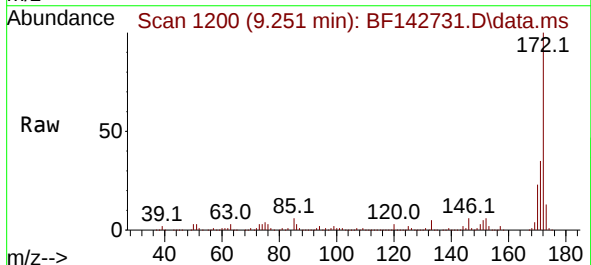
Instrument :
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 ClientSampleId :



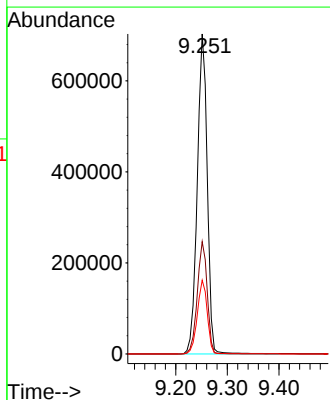
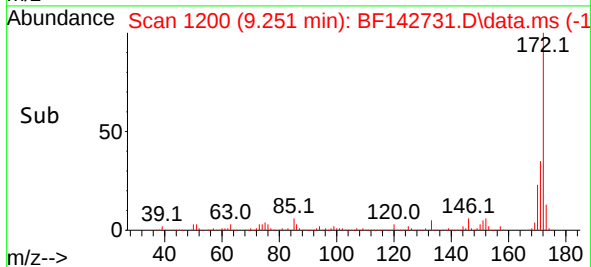
Tgt Ion:330 Resp: 145994
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 31.1 25.4 38.0

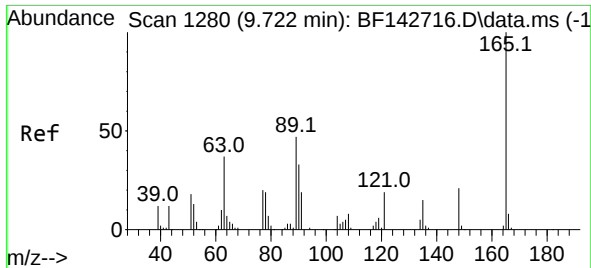


#45
 2-Fluorobiphenyl
 Concen: 78.228 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF142731.D
 Acq: 11 Jun 2025 13:18



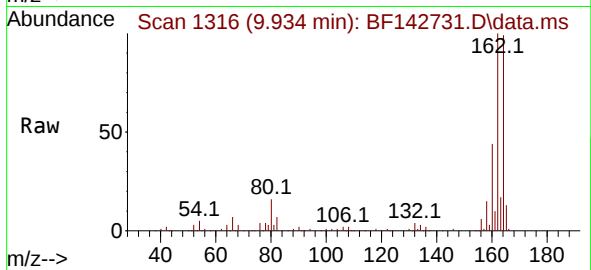
Tgt Ion:172 Resp: 944326
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 23.1 18.6 27.8



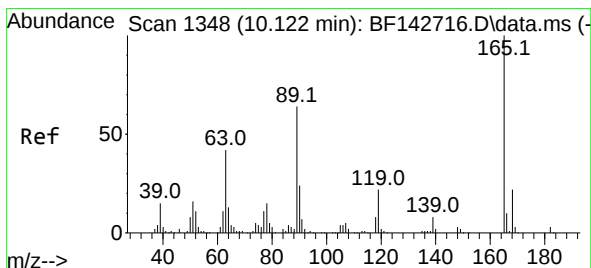
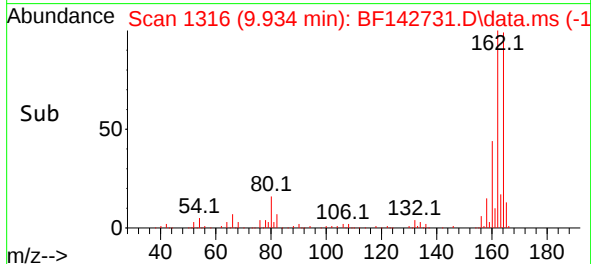
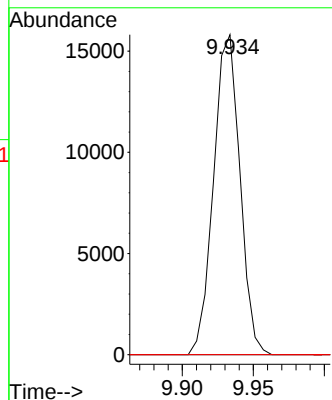


#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :

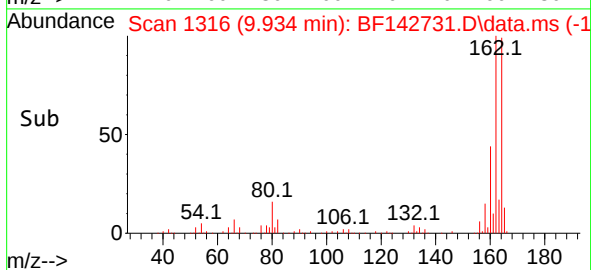
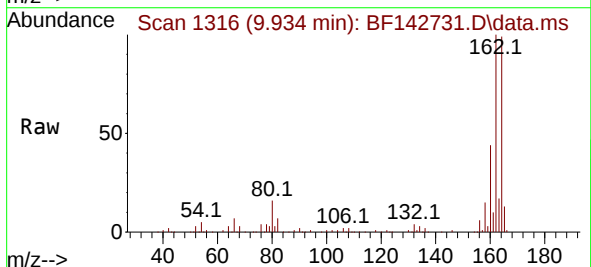
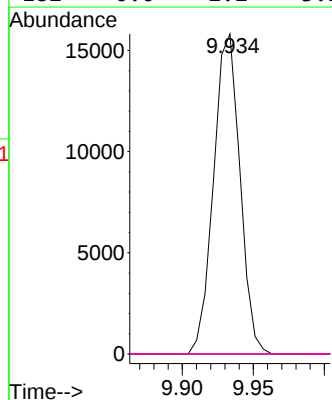


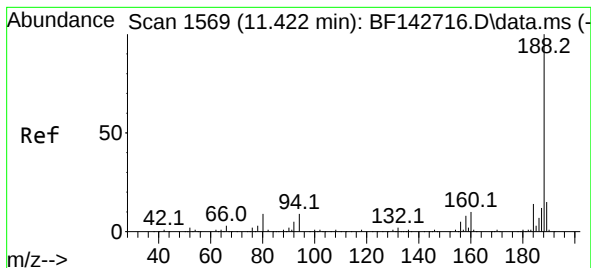
Tgt Ion:165 Resp: 20417
Ion Ratio Lower Upper
165 100
63 0.0 40.6 60.8#
89 0.0 37.6 56.4#



#57
2,4-Dinitrotoluene
Concen: 6.671 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:165 Resp: 20417
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# 11

Delta R.T. 0.000 min

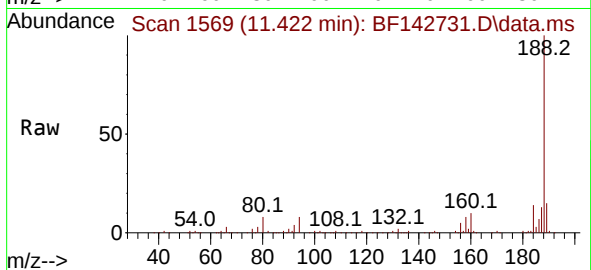
Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

Instrument :

BNA_F

ClientSampleId :



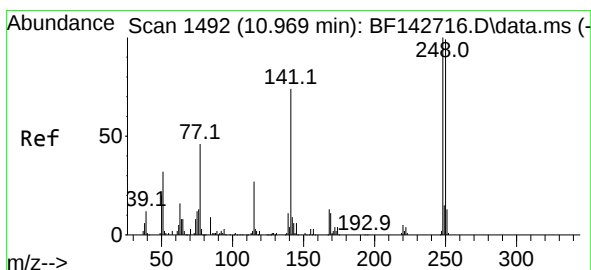
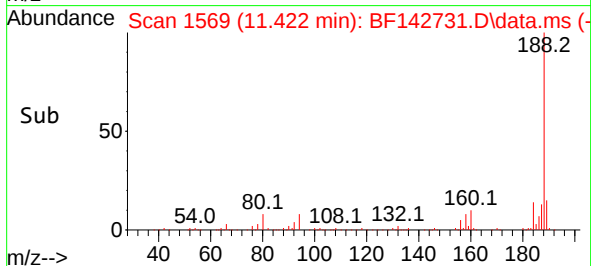
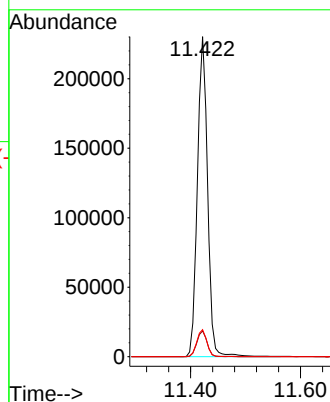
Tgt Ion:188 Resp: 295895

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 8.4 7.1 10.7



#67

4-Bromophenyl-phenylether

Concen: 2.565 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

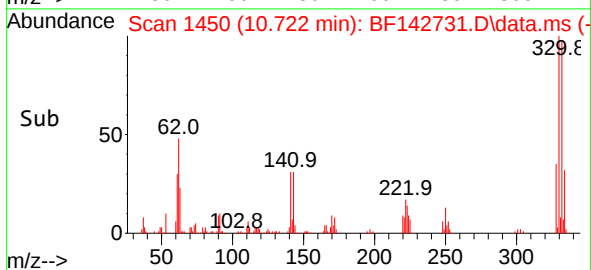
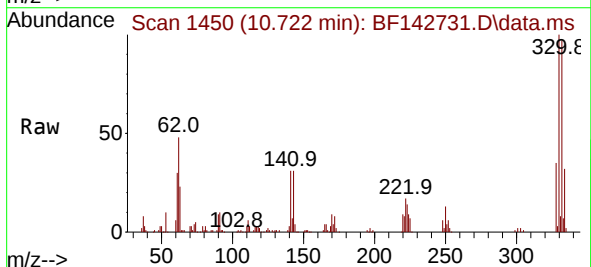
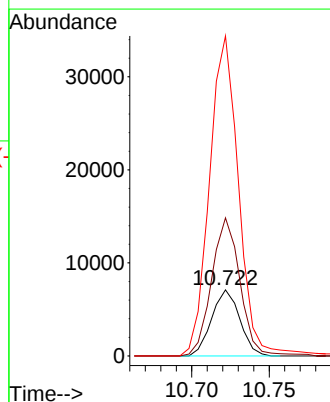
Tgt Ion:248 Resp: 8960

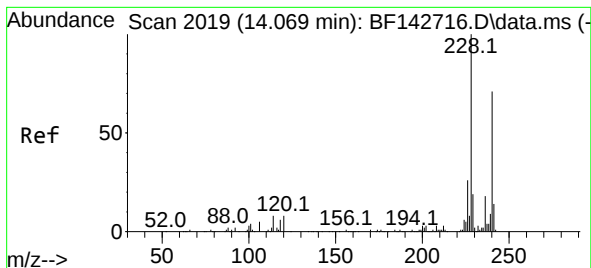
Ion Ratio Lower Upper

248 100

250 208.8 79.2 118.8#

141 483.6 59.3 88.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

Instrument :

BNA_F

ClientSampleId :

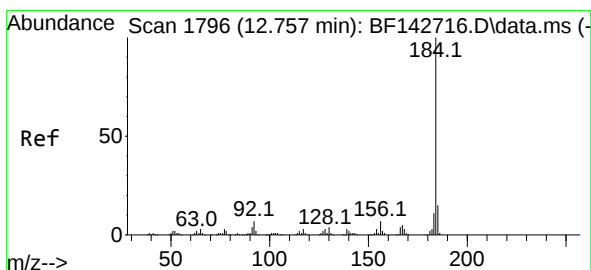
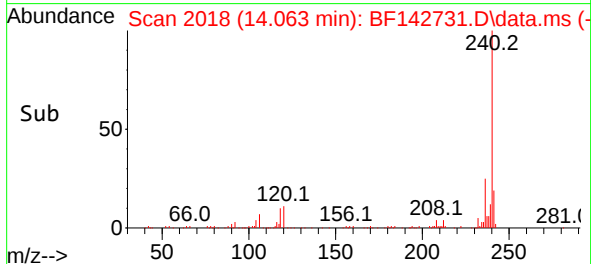
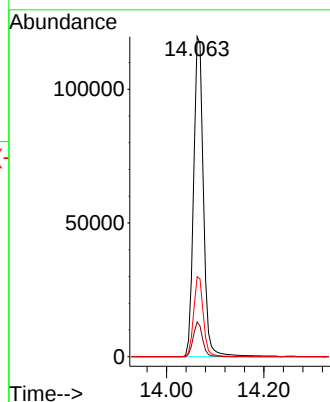
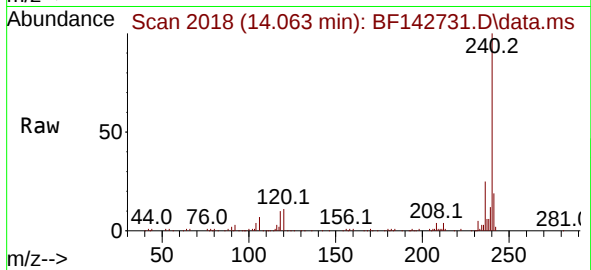
Tgt Ion:240 Resp: 168179

Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

236 25.0 20.1 30.1



#77

Benzidine

Concen: 2.089 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.253 min

Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

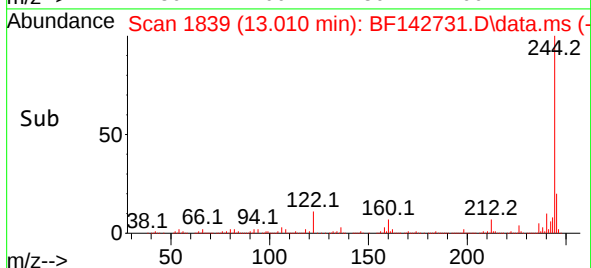
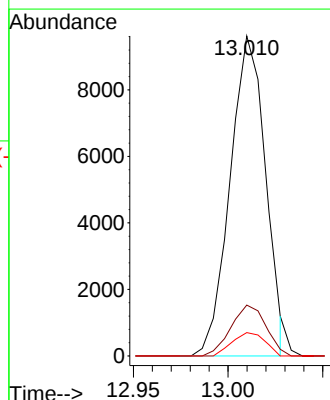
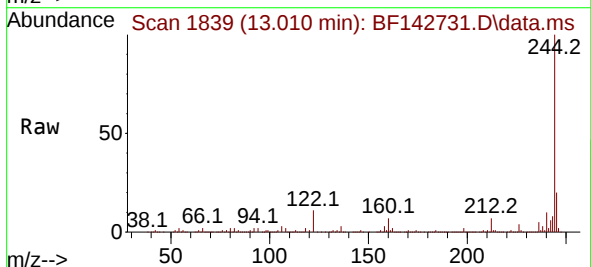
Tgt Ion:184 Resp: 12512

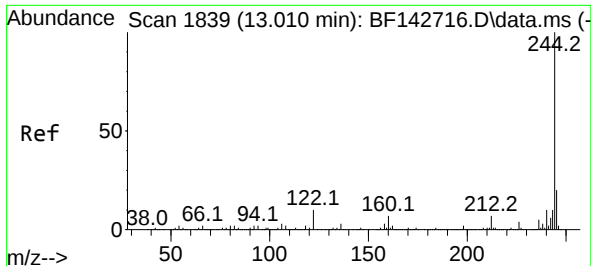
Ion Ratio Lower Upper

184 100

185 15.9 11.7 17.5

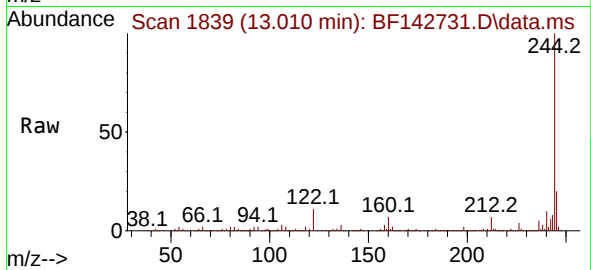
183 7.3 8.6 12.8#



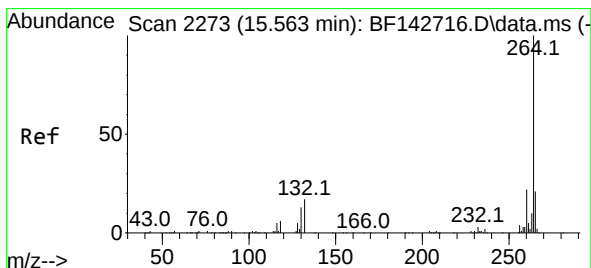
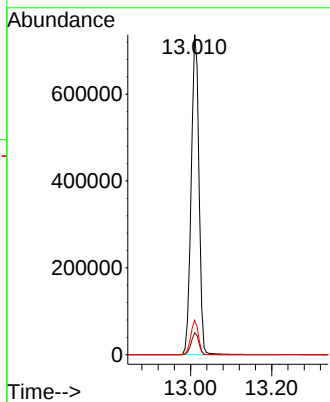
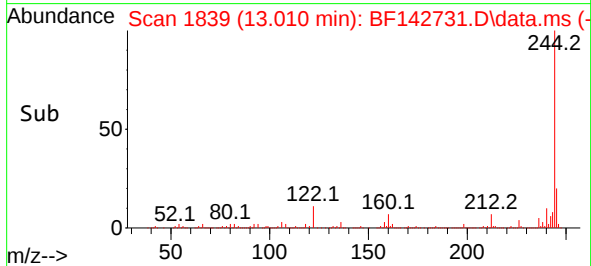


#79
 Terphenyl-d14
 Concen: 80.415 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142731.D
 Acq: 11 Jun 2025 13:18

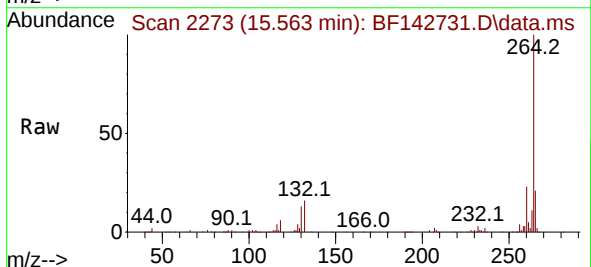
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 984688
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF142731.D
 Acq: 11 Jun 2025 13:18



Tgt Ion:264 Resp: 142470
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.2 16.6 25.0

