

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142594.D
 Acq On : 02 Jun 2025 13:26
 Operator : RC/JU
 Sample : PB168235BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 14:02:39 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)

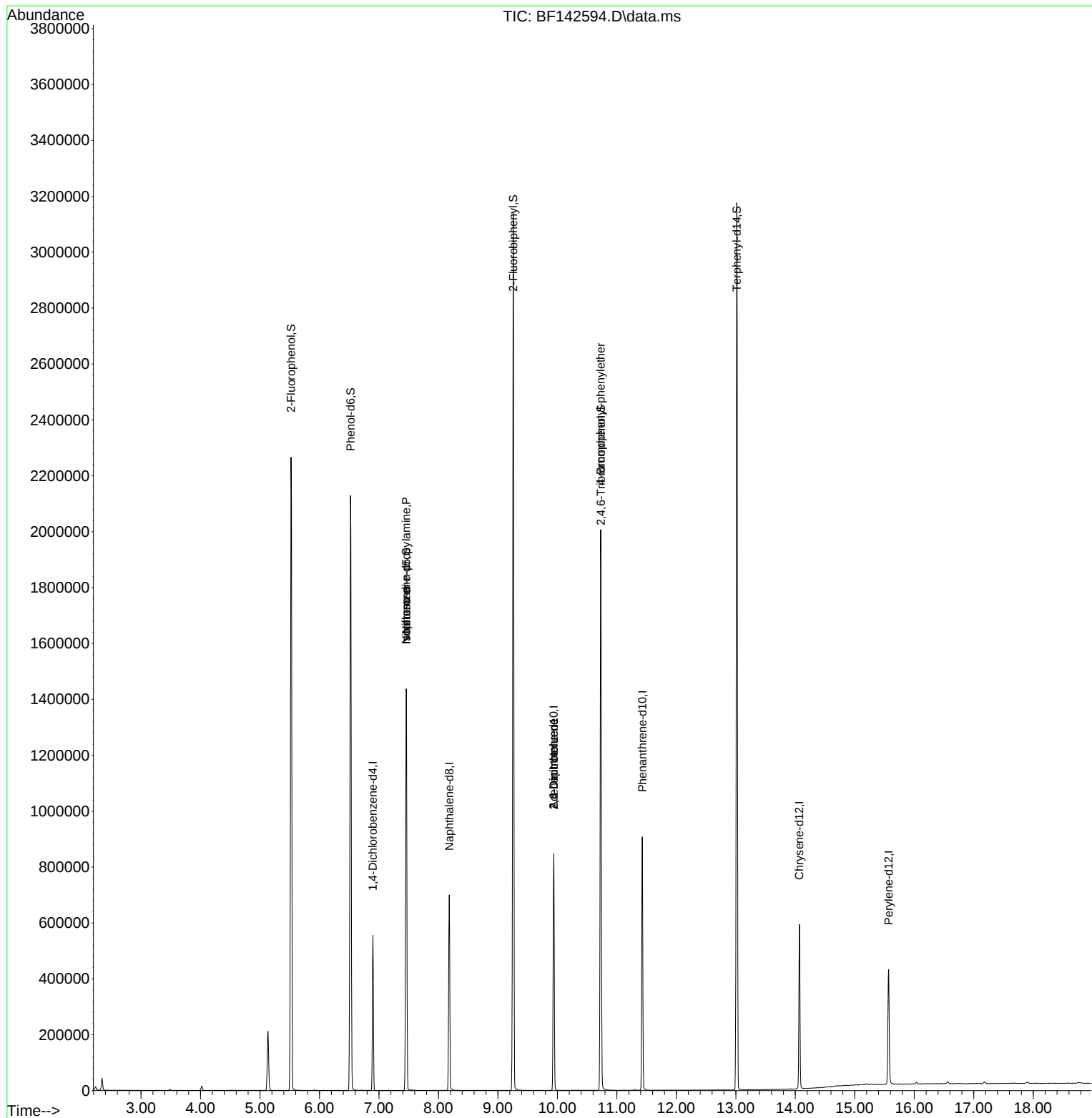
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	120624	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	466268	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	259648	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	474960	20.000	ng	0.00
76) Chrysene-d12	14.068	240	286956	20.000	ng	0.00
86) Perylene-d12	15.568	264	248222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	929341	129.801	ng	0.00
7) Phenol-d6	6.522	99	1116479	129.543	ng	-0.01
23) Nitrobenzene-d5	7.457	82	685175	80.129	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	386355	134.069	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1475412	76.249	ng	-0.01
79) Terphenyl-d14	13.016	244	1618331	77.068	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	90001	16.850	ng	# 77
25) Isophorone	7.457	82	655461	45.848	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	33210	8.981	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	33210	6.877	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	23440	4.174	ng	# 1

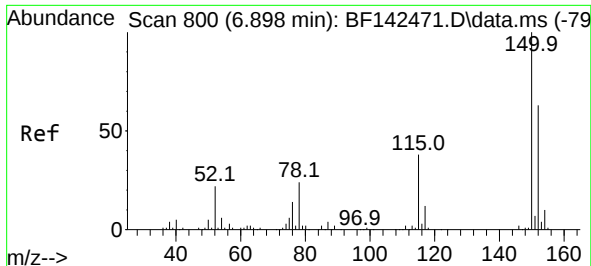
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142594.D
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Operator : RC/JU
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BNA_F
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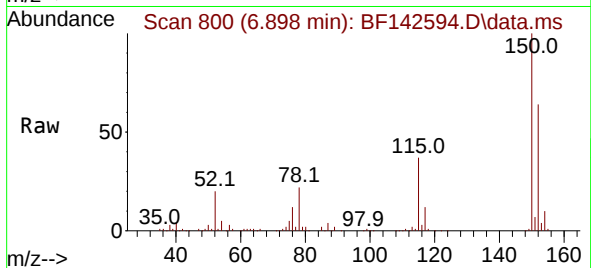
Quant Time: Jun 02 14:02:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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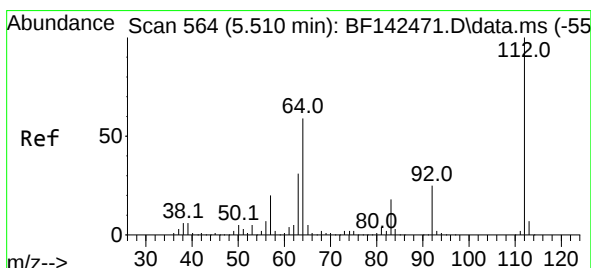
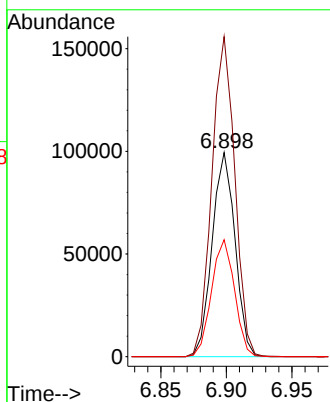
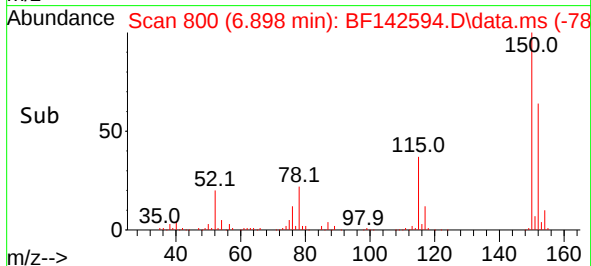


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142594.D
 Acq: 02 Jun 2025 13:26

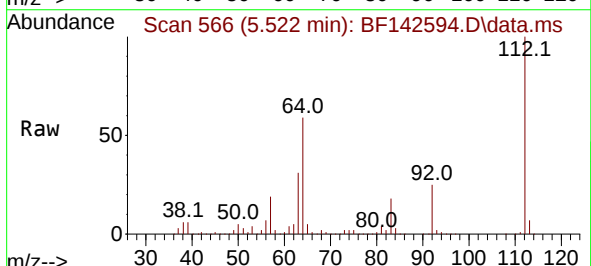
Instrument :
 BNA_F
 ClientSampleId :



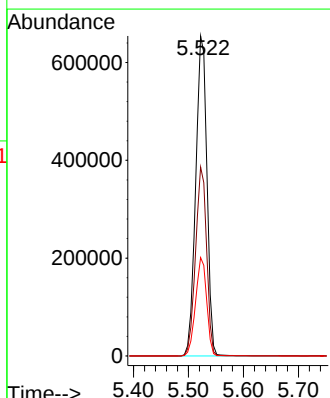
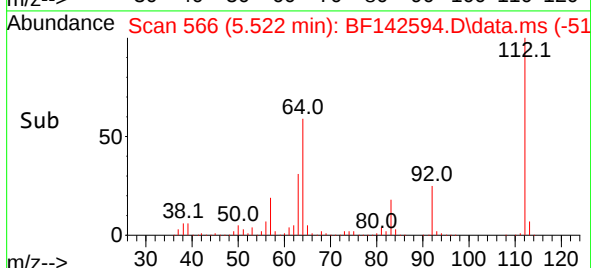
Tgt Ion:152 Resp: 120624
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.2 192.4
 115 57.3 48.3 72.5

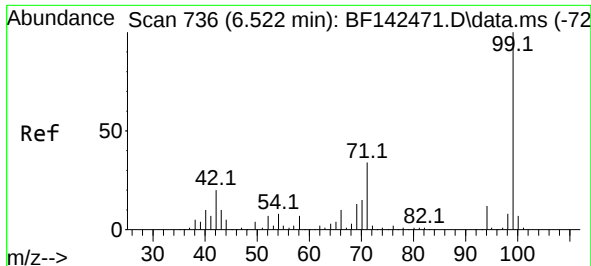


#5
 2-Fluorophenol
 Concen: 129.801 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142594.D
 Acq: 02 Jun 2025 13:26



Tgt Ion:112 Resp: 929341
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.5 71.3
 63 30.7 24.9 37.3

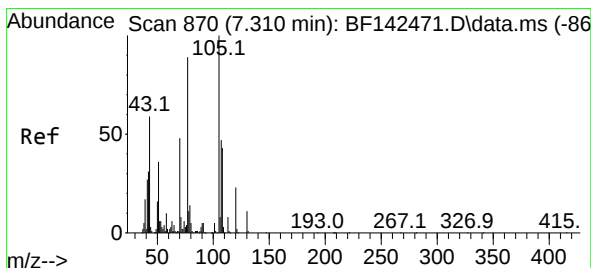
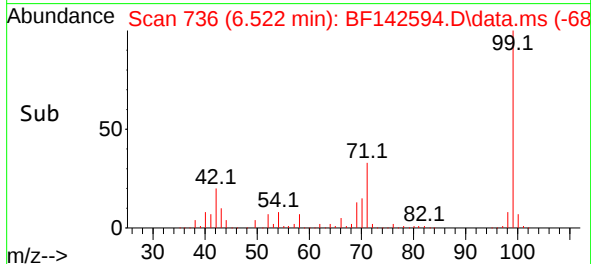
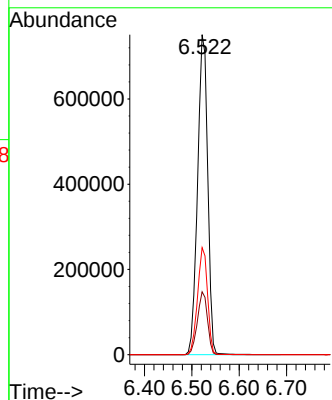
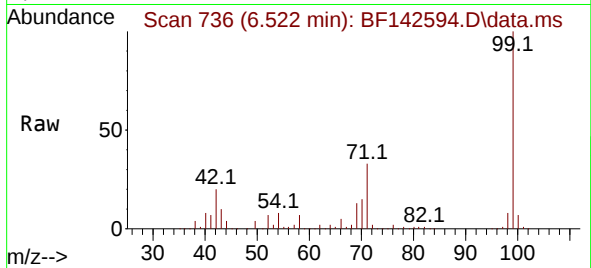




#7
Phenol-d6
Concen: 129.543 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

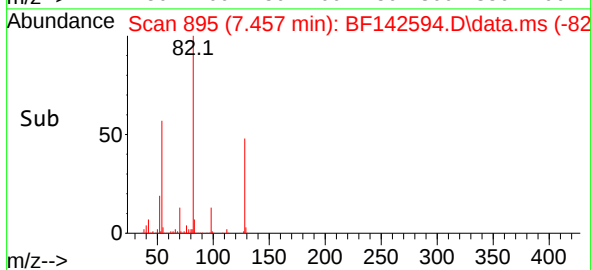
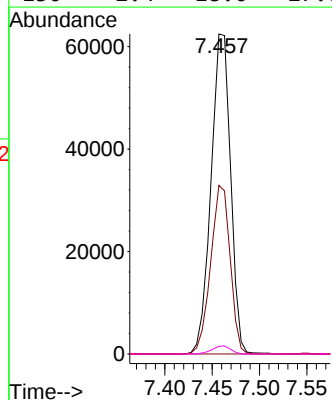
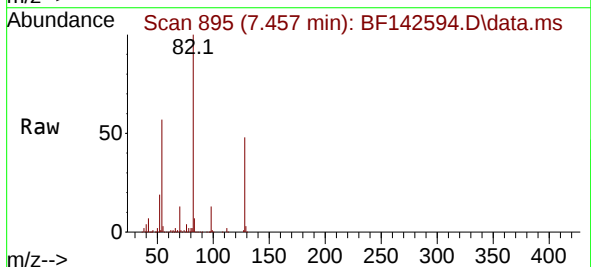
Instrument :
BNA_F
ClientSampleId :

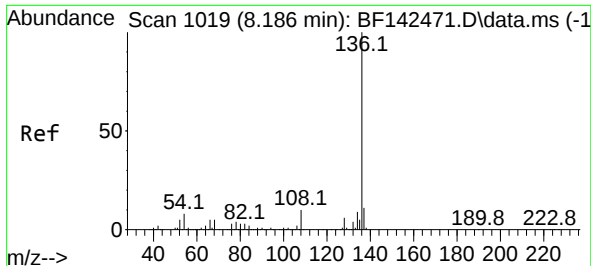
Tgt Ion: 99 Resp: 1116479
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.4 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.850 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Tgt Ion: 70 Resp: 90001
Ion Ratio Lower Upper
70 100
42 52.7 52.4 78.6
101 0.0 7.8 11.8#
130 2.4 18.0 27.0#



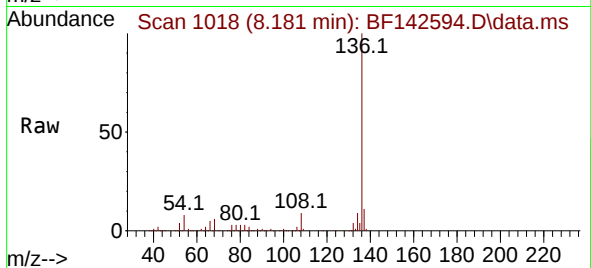


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

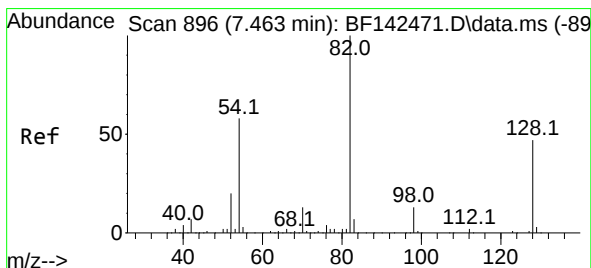
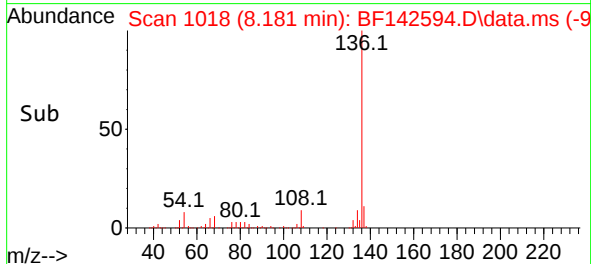
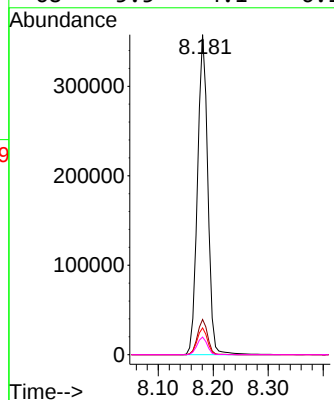
Instrument :

BNA_F

ClientSampleId :

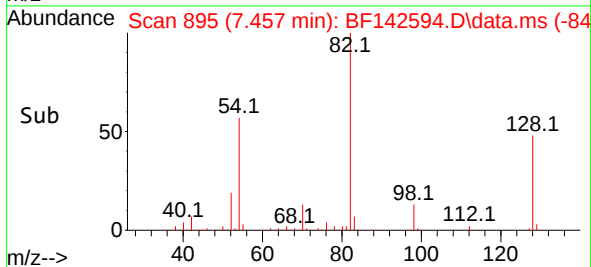
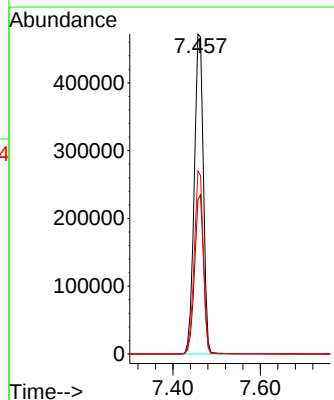
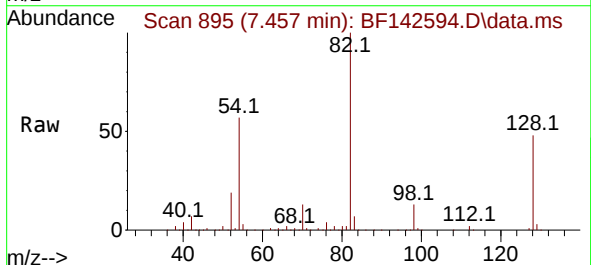


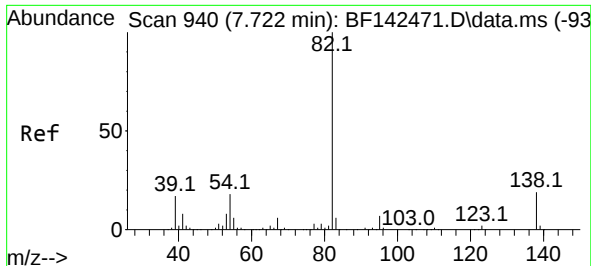
Tgt Ion:136 Resp: 466268
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 6.6 10.0
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.129 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

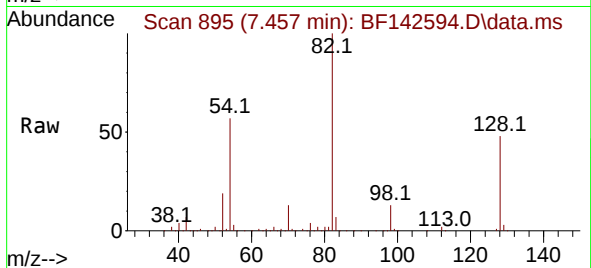
Tgt Ion: 82 Resp: 685175
Ion Ratio Lower Upper
82 100
128 48.2 37.4 56.2
54 57.2 46.6 70.0



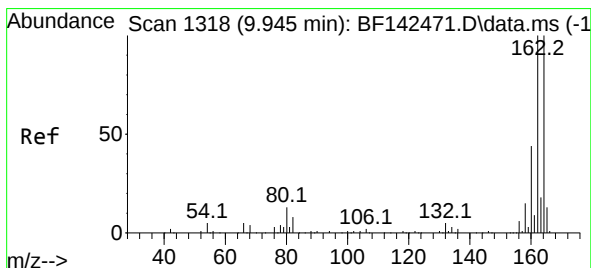
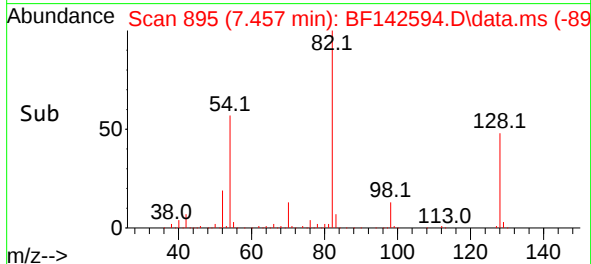
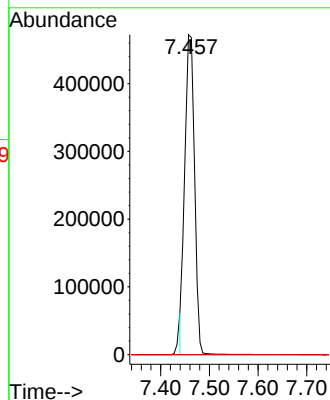


#25
Isophorone
Concen: 45.848 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

Instrument :
BNA_F
ClientSampleId :

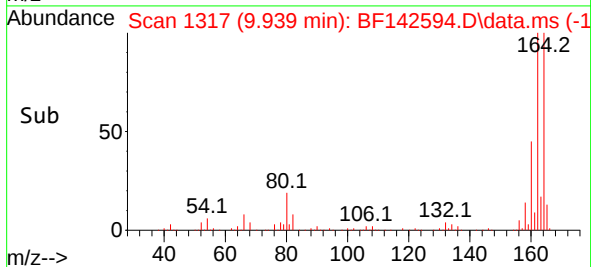
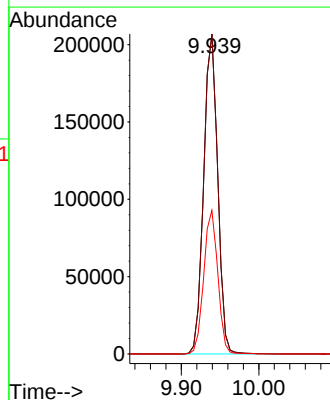
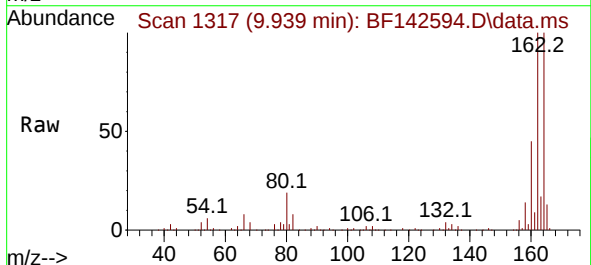


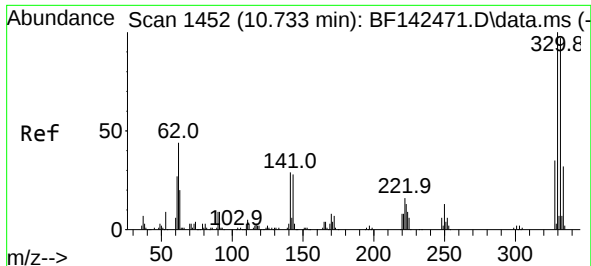
Tgt Ion: 82 Resp: 655461
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

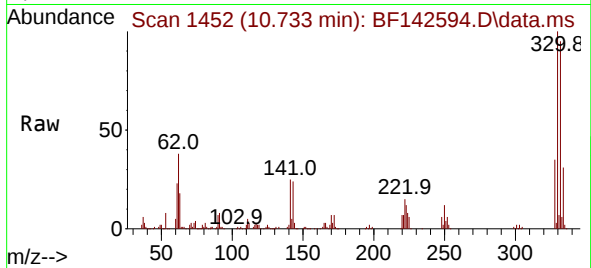
Tgt Ion:164 Resp: 259648
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.4
160 44.9 35.6 53.4



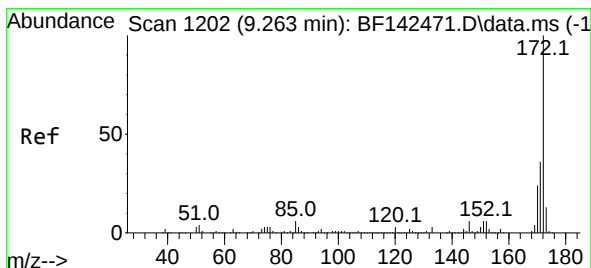
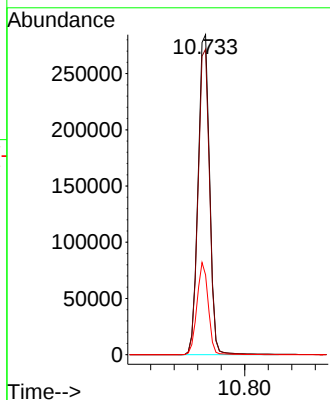
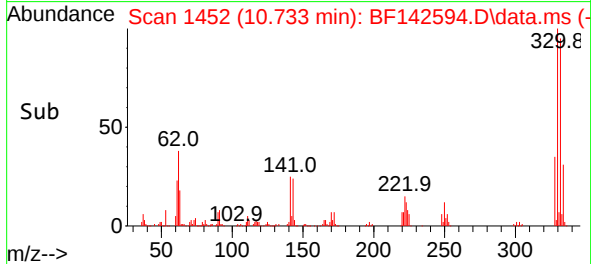


#42
2,4,6-Tribromophenol
Concen: 134.069 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

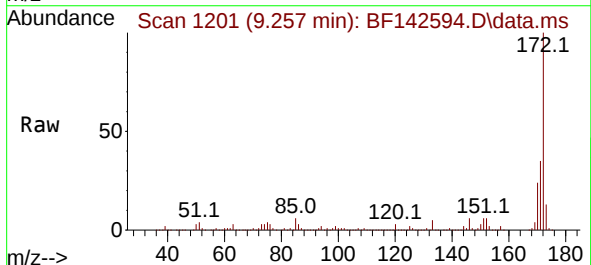
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ClientSampleId :



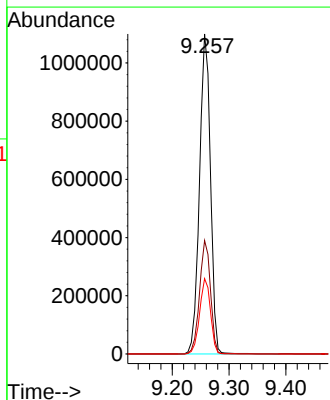
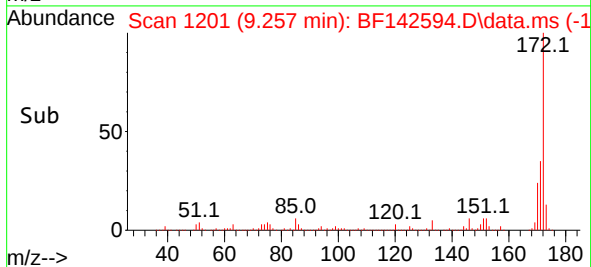
Tgt Ion:330 Resp: 386355
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 28.2 24.6 36.8

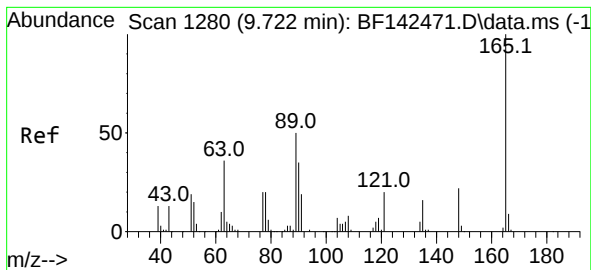


#45
2-Fluorobiphenyl
Concen: 76.249 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26



Tgt Ion:172 Resp: 1475412
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.981 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

Instrument :

BNA_F

ClientSampleId :

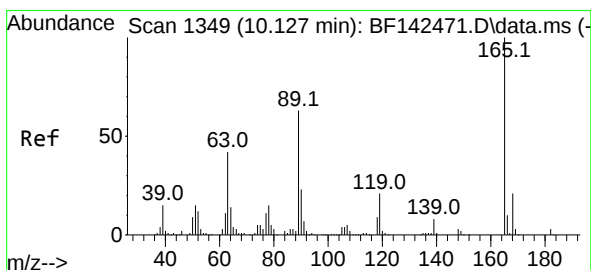
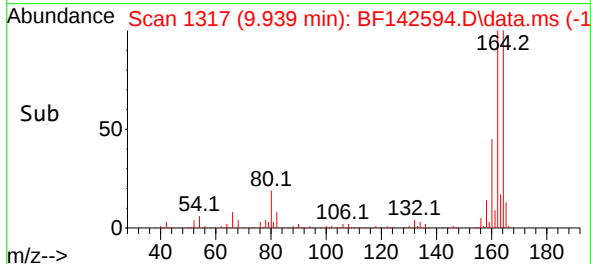
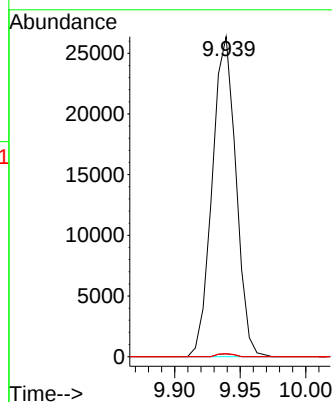
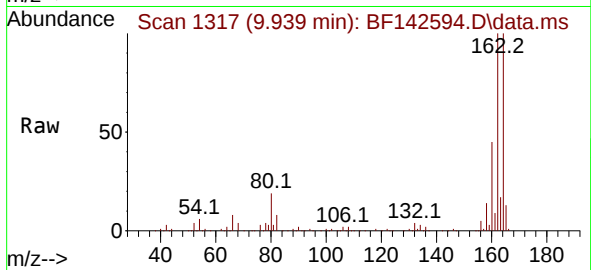
Tgt Ion:165 Resp: 33210

Ion Ratio Lower Upper

165 100

63 0.9 42.9 64.3#

89 1.0 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.877 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.194 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

Tgt Ion:165 Resp: 33210

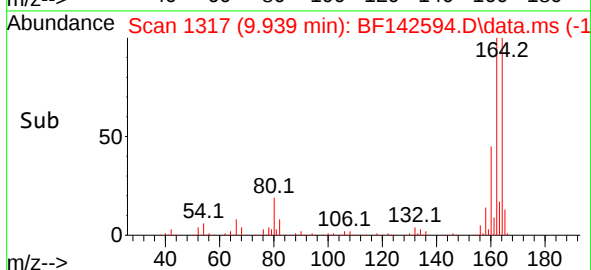
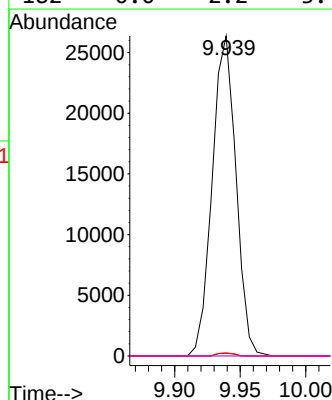
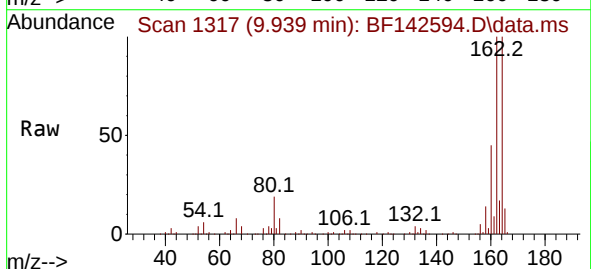
Ion Ratio Lower Upper

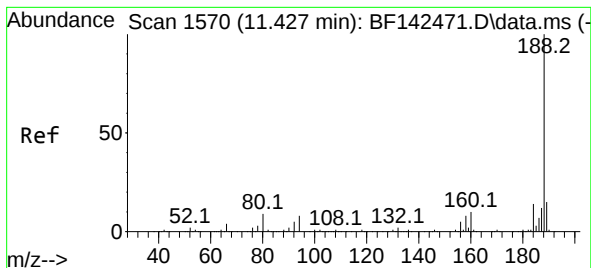
165 100

63 0.9 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

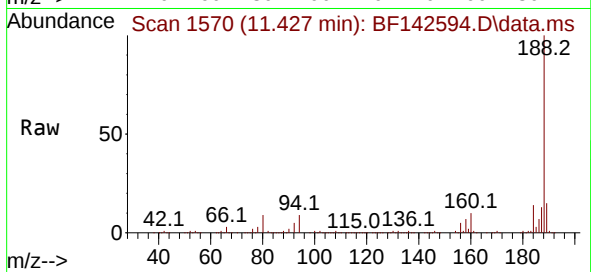
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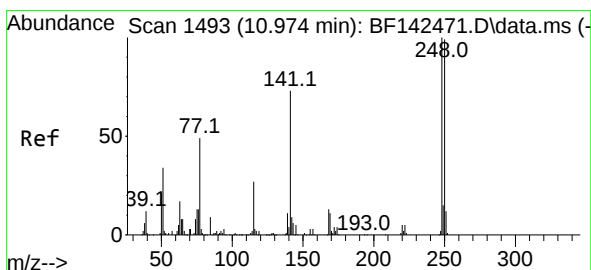
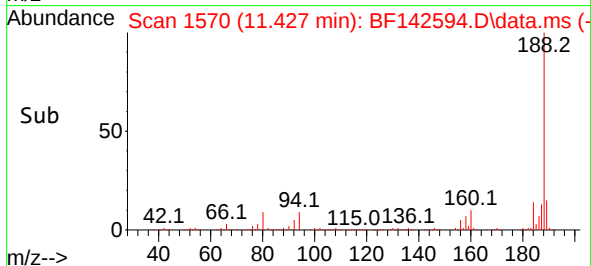
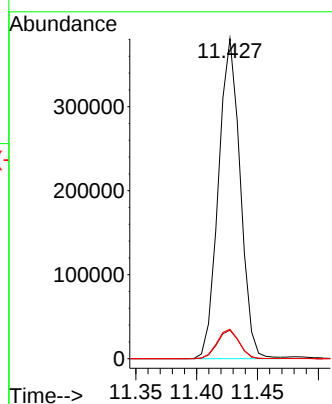
Tgt Ion:188 Resp: 474960

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.2 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.174 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142594.D

Acq: 02 Jun 2025 13:26

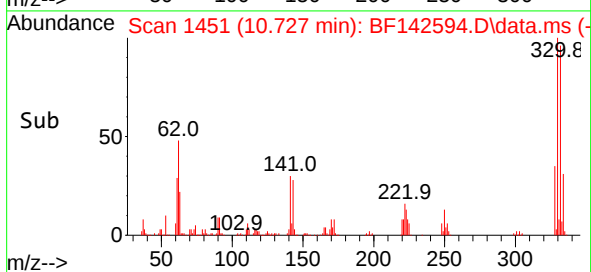
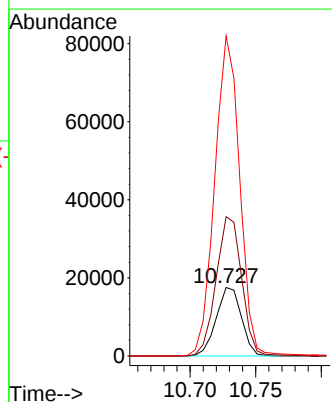
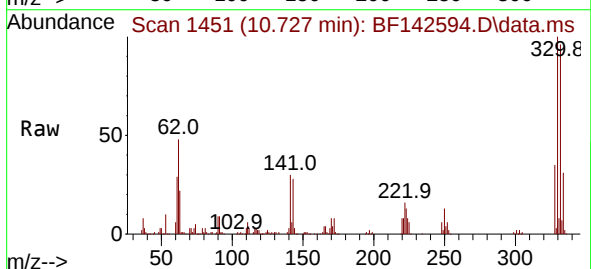
Tgt Ion:248 Resp: 23440

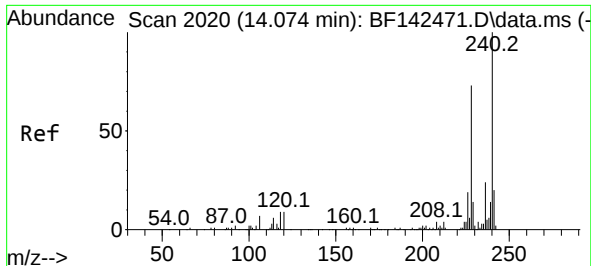
Ion Ratio Lower Upper

248 100

250 203.3 79.0 118.4#

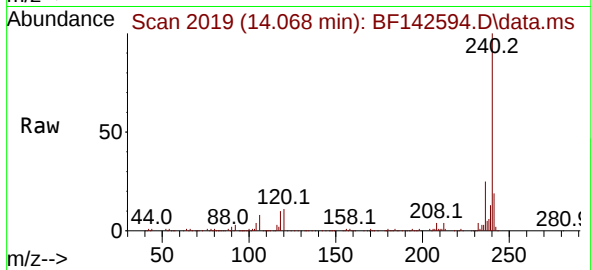
141 467.1 58.4 87.6#



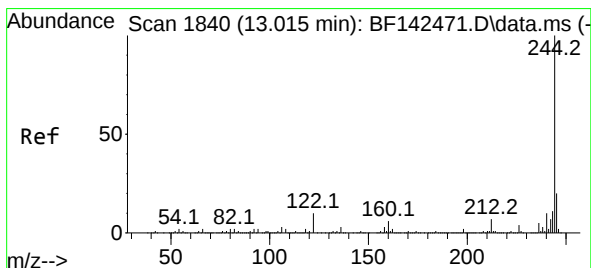
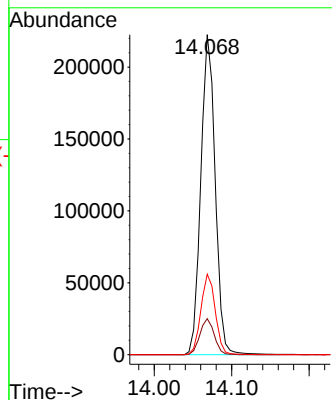
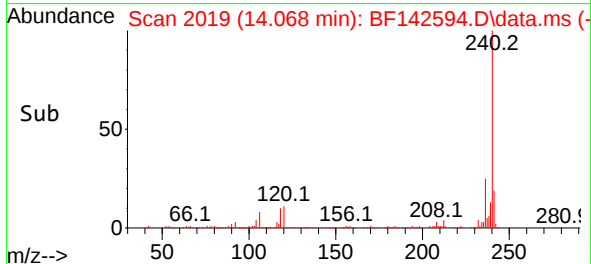


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26

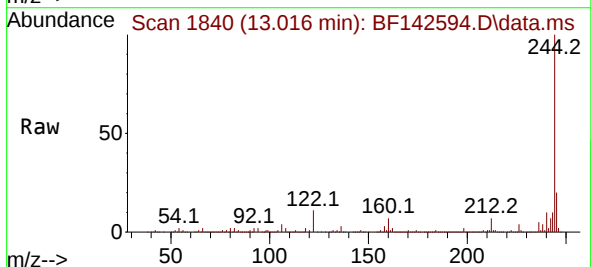
Instrument :
BNA_F
ClientSampleId :



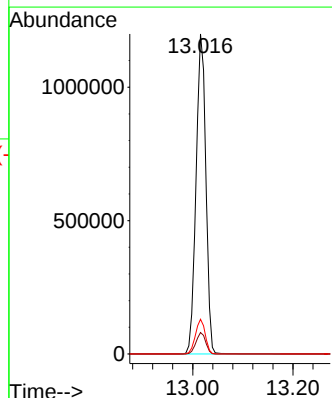
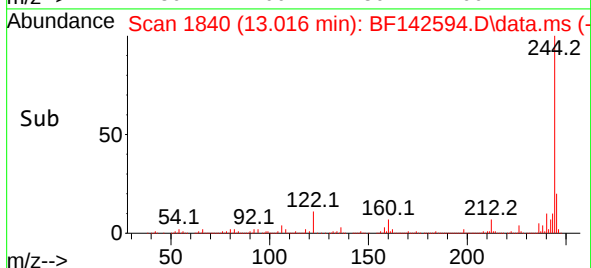
Tgt Ion:240 Resp: 286956
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3
236 25.2 19.6 29.4

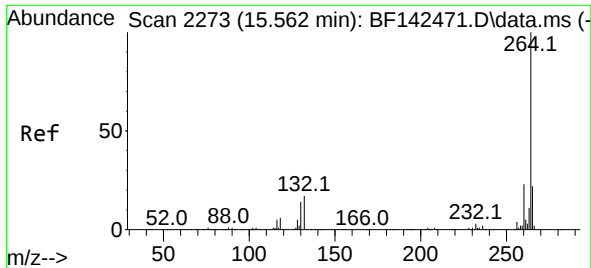


#79
Terphenyl-d14
Concen: 77.068 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142594.D
Acq: 02 Jun 2025 13:26



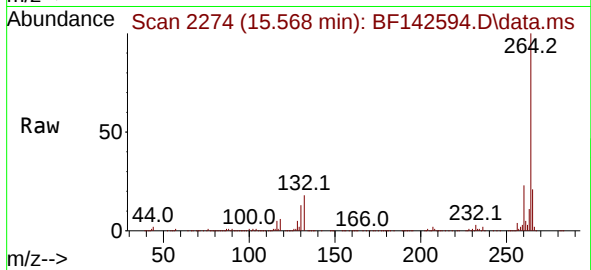
Tgt Ion:244 Resp: 1618331
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.9 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142594.D
 Acq: 02 Jun 2025 13:26

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 248222
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.2 17.7 26.5

