

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142774.D
 Acq On : 18 Jun 2025 12:46
 Operator : RC/JU
 Sample : PB168505BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168505BL

Quant Time: Jun 18 13:06:44 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)

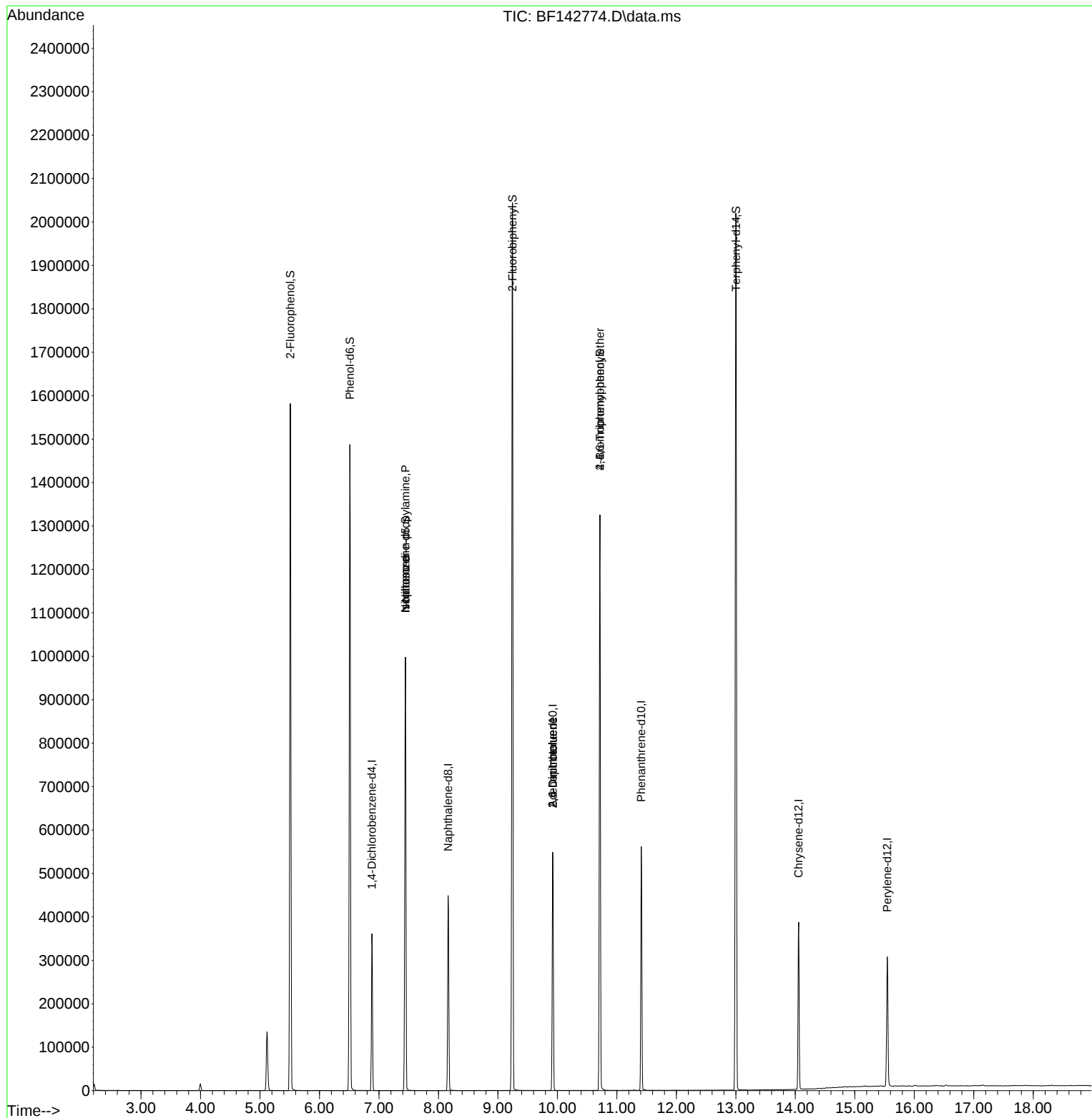
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79556	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	305545	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	165613	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	296691	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	193772	20.000	ng	-0.01
86) Perylene-d12	15.545	264	176878	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	612245	131.070	ng	0.00
7) Phenol-d6	6.510	99	729500	132.703	ng	-0.01
23) Nitrobenzene-d5	7.445	82	456374	81.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	236745	130.431	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	996865	79.969	ng	-0.01
79) Terphenyl-d14	13.004	244	1049468	74.385	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	61092	17.457	ng	# 77
25) Isophorone	7.445	82	454341	48.064	ng	# 63
51) 2,6-Dinitrotoluene	9.922	165	21457	8.977	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	21457	6.790	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	14972	4.275	ng	# 1

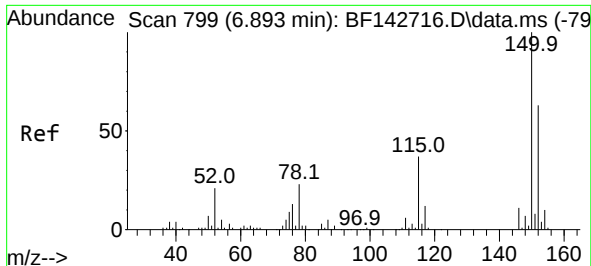
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
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Quant Time: Jun 18 13:06:44 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

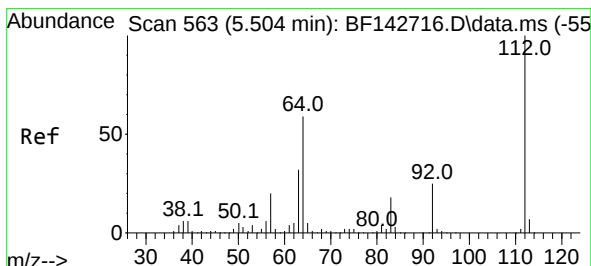
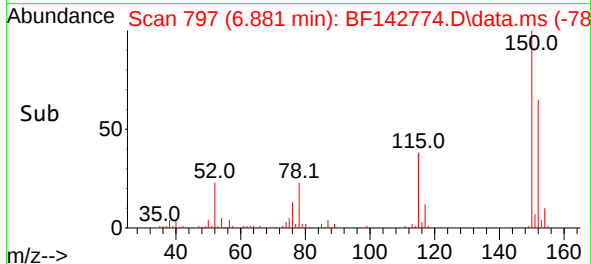
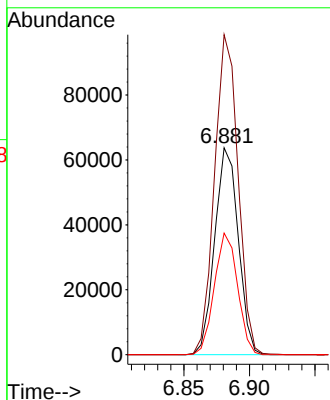
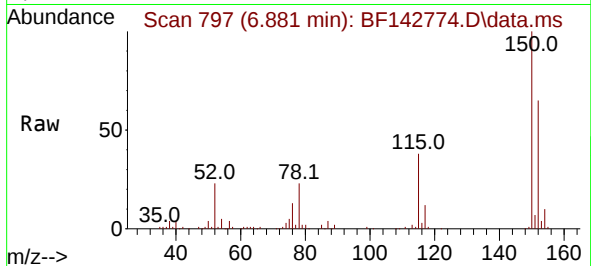




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

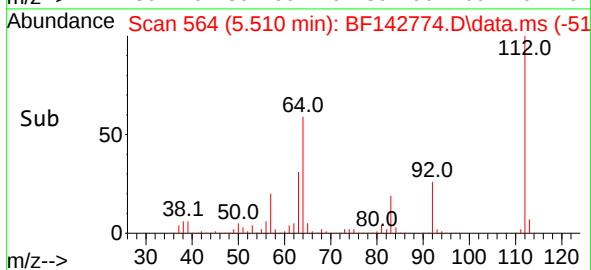
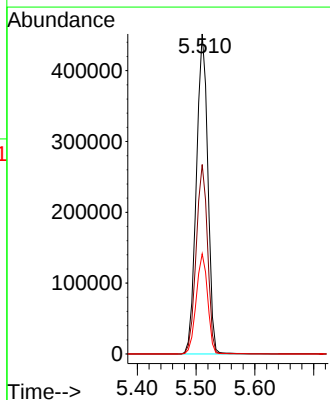
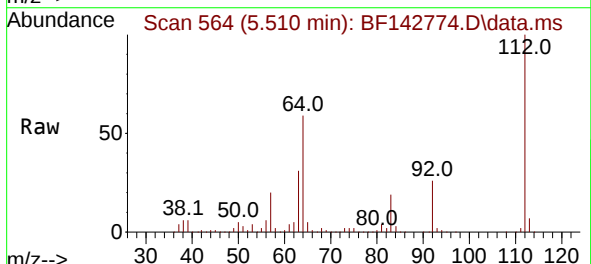
Instrument :
BNA_F
ClientSampleId :
PB168505BL

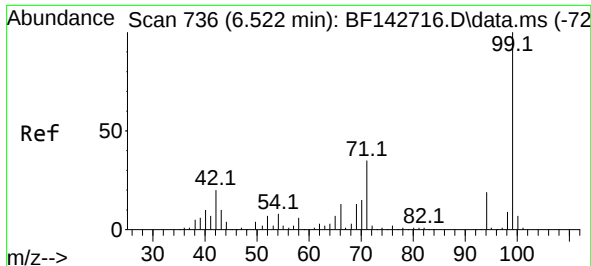
Tgt Ion:152 Resp: 79556
Ion Ratio Lower Upper
152 100
150 154.7 126.9 190.3
115 58.8 47.0 70.6



#5
2-Fluorophenol
Concen: 131.070 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

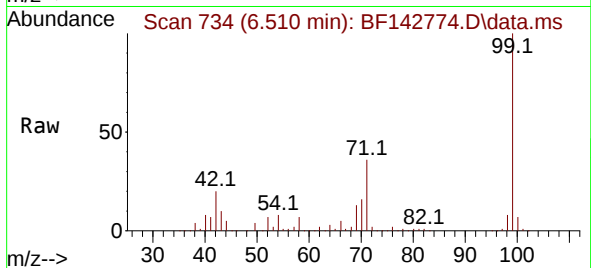
Tgt Ion:112 Resp: 612245
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.2
63 31.3 25.4 38.0



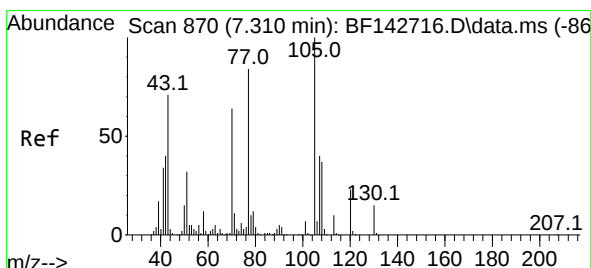
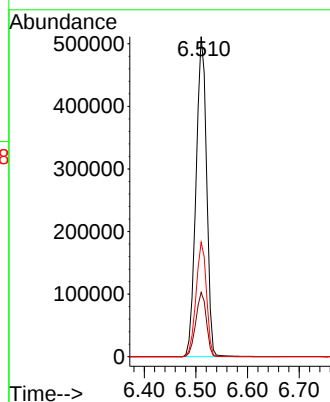
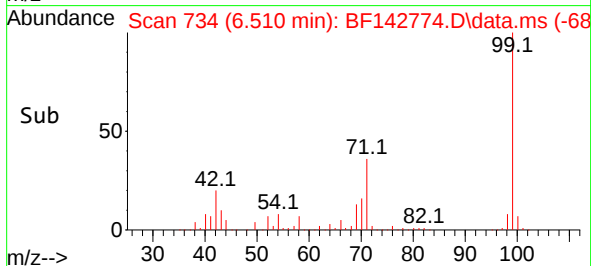


#7
Phenol-d6
Concen: 132.703 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

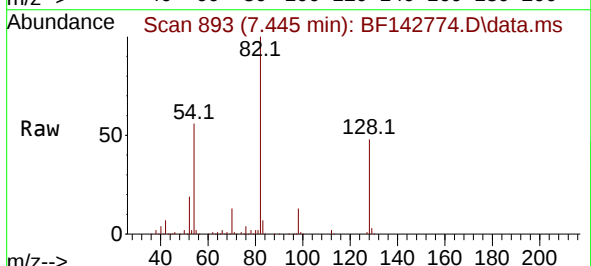
Instrument :
BNA_F
ClientSampleId :
PB168505BL



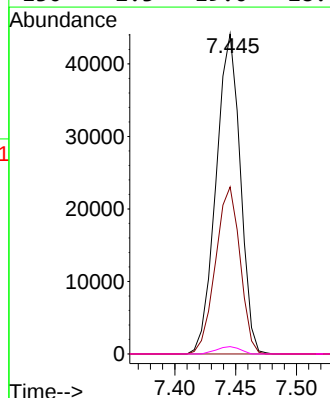
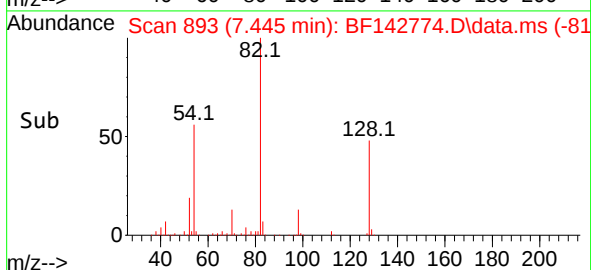
Tgt Ion: 99 Resp: 729500
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.7 28.0 42.0

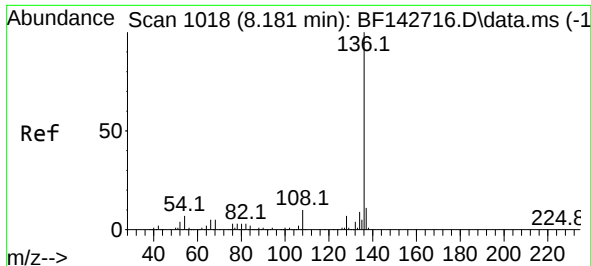


#19
n-Nitroso-di-n-propylamine
Concen: 17.457 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46



Tgt Ion: 70 Resp: 61092
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 8.3 12.5#
130 2.3 19.0 28.6#

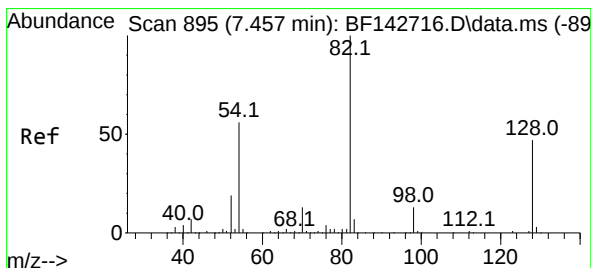
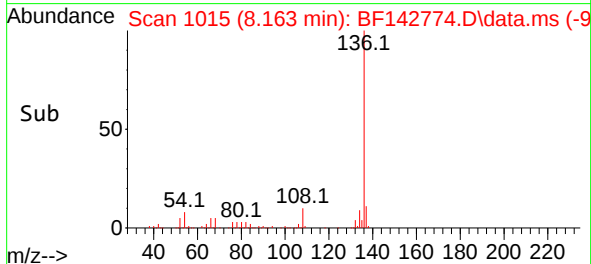
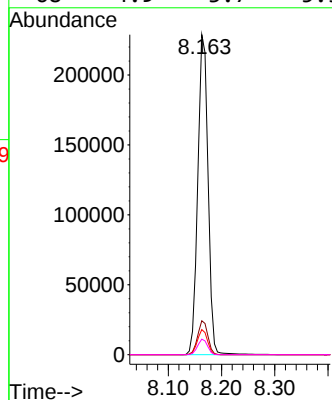
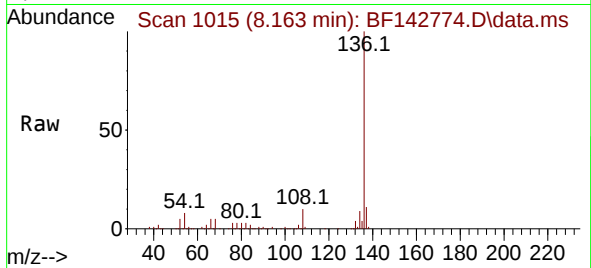




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

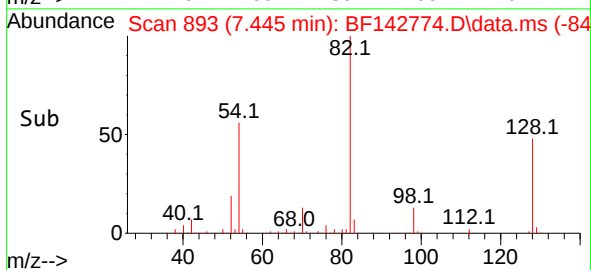
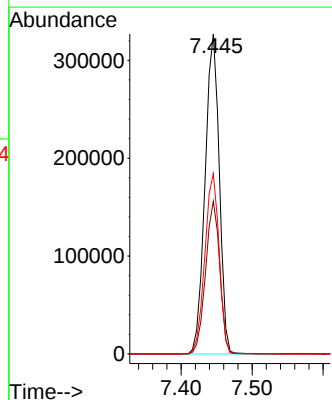
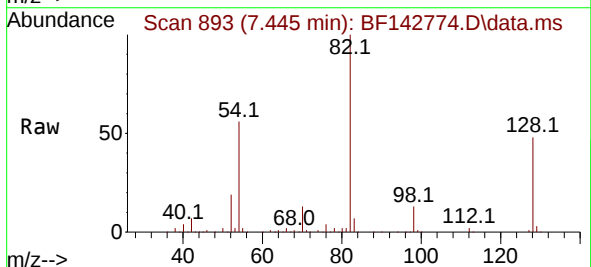
Instrument :
BNA_F
ClientSampleId :
PB168505BL

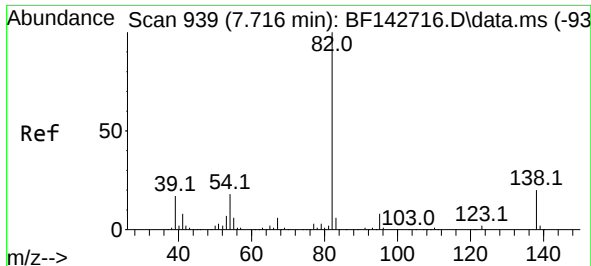
Tgt Ion:136 Resp: 305545
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.8 5.9 8.9
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 81.743 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion: 82 Resp: 456374
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 56.4 44.9 67.3

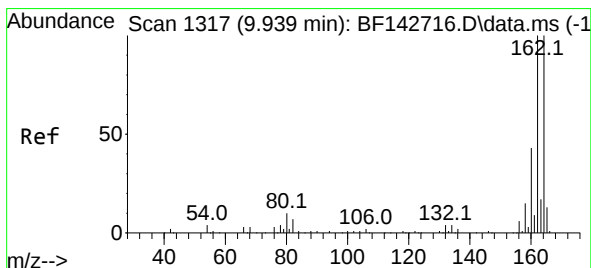
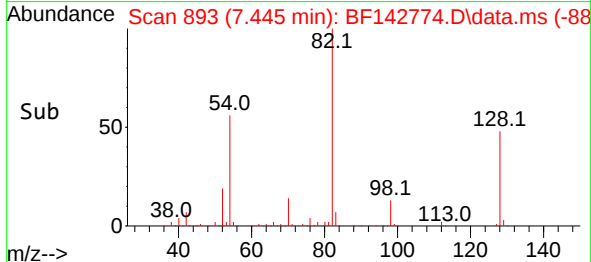
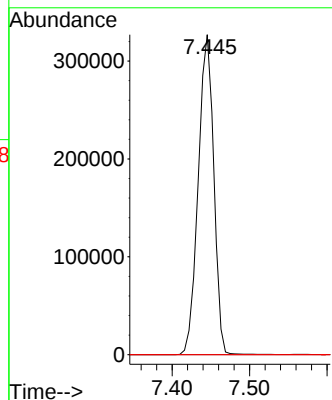
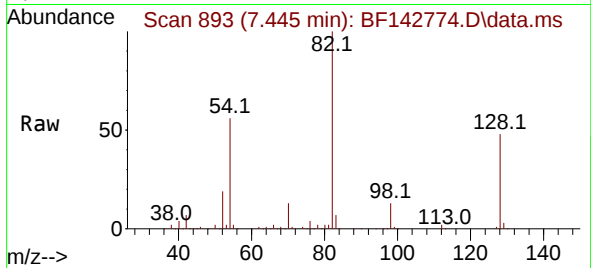




#25
Isophorone
Concen: 48.064 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

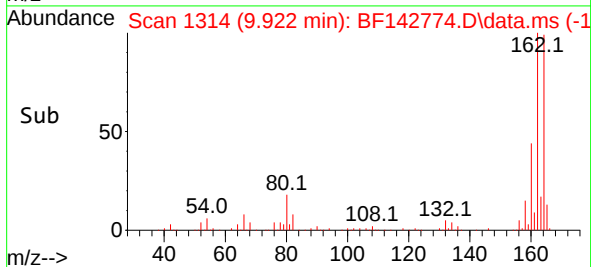
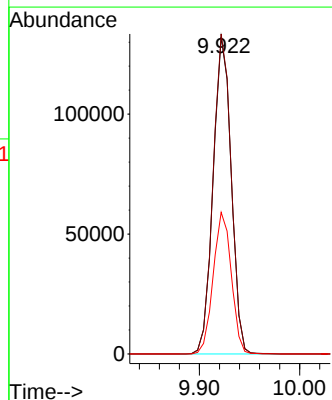
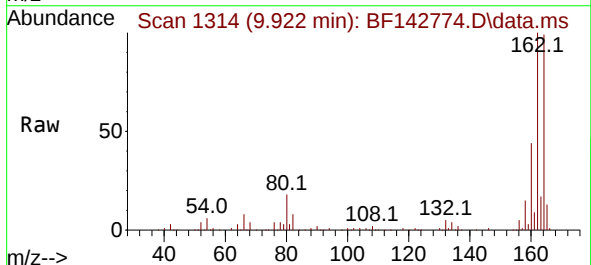
Instrument :
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ClientSampleId :
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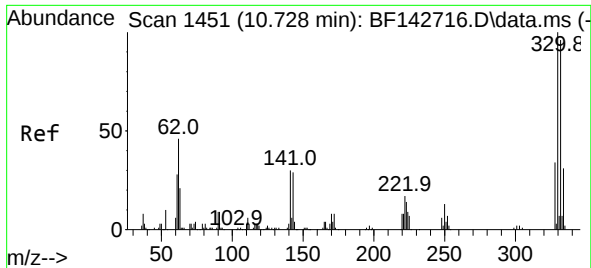
Tgt Ion: 82 Resp: 454341
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion:164 Resp: 165613
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 44.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 130.431 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF142774.D

Acq: 18 Jun 2025 12:46

Instrument :

BNA_F

ClientSampleId :

PB168505BL

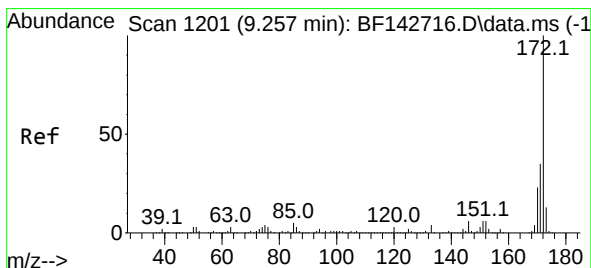
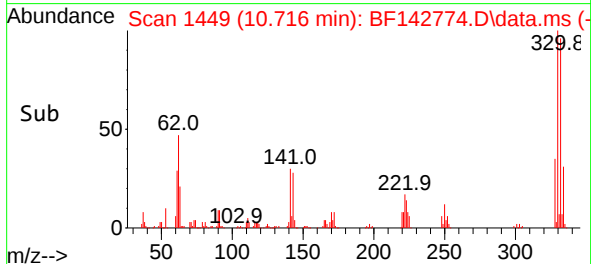
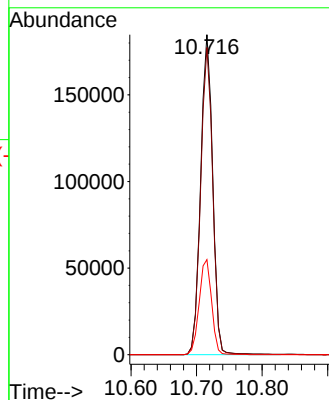
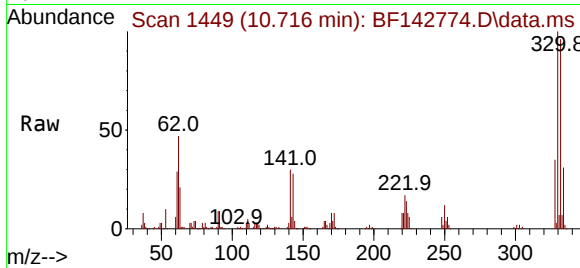
Tgt Ion:330 Resp: 236745

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 30.7 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 79.969 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF142774.D

Acq: 18 Jun 2025 12:46

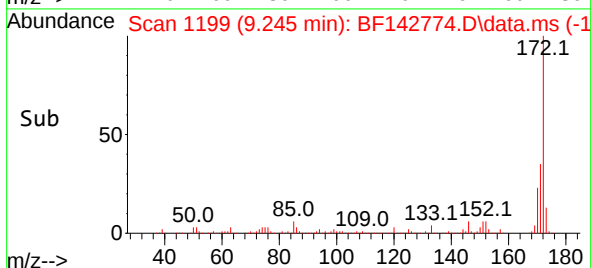
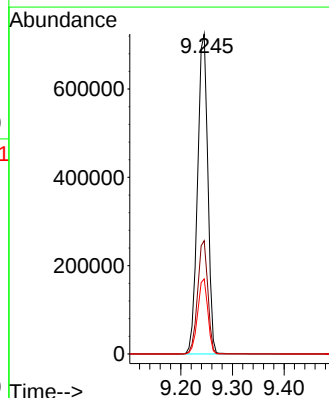
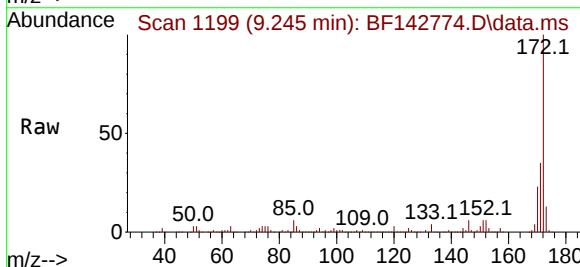
Tgt Ion:172 Resp: 996865

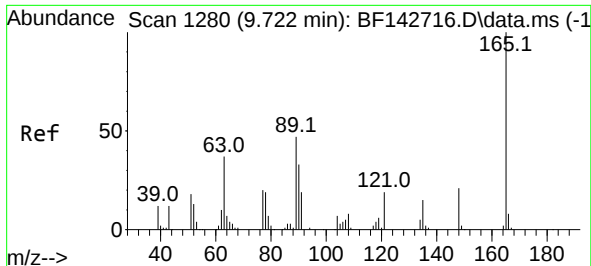
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.4 18.6 27.8

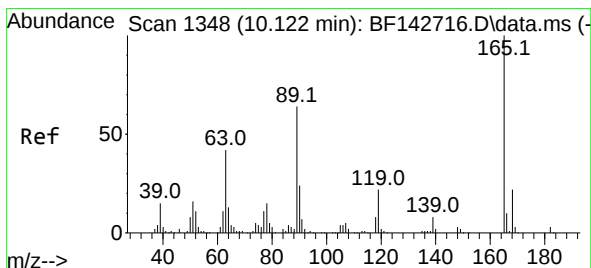
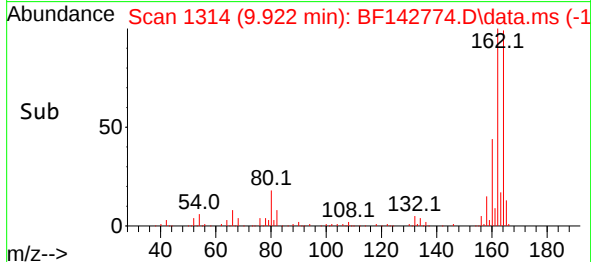
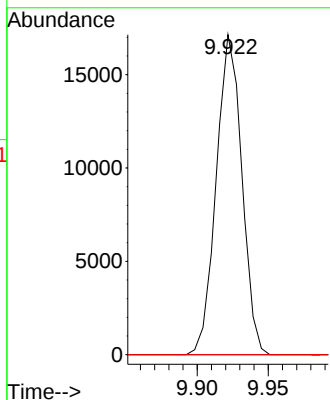
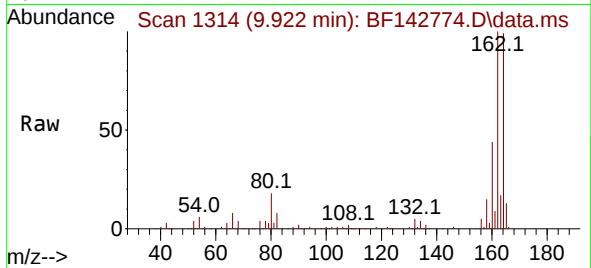




#51
2,6-Dinitrotoluene
Concen: 8.977 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

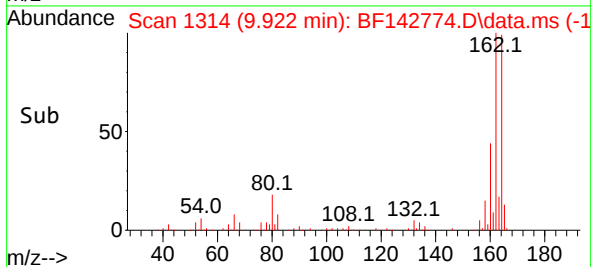
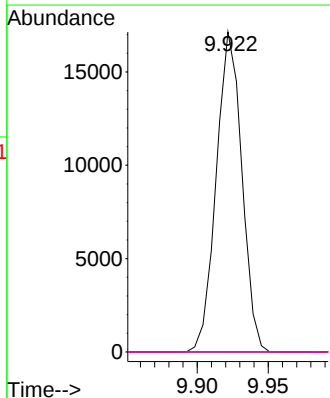
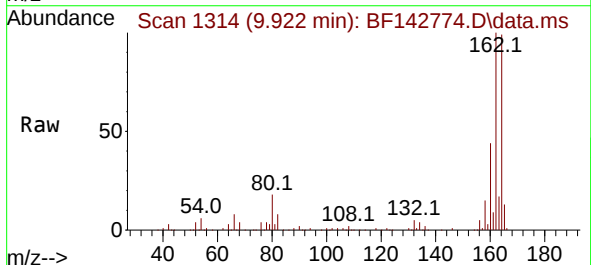
Instrument :
BNA_F
ClientSampleId :
PB168505BL

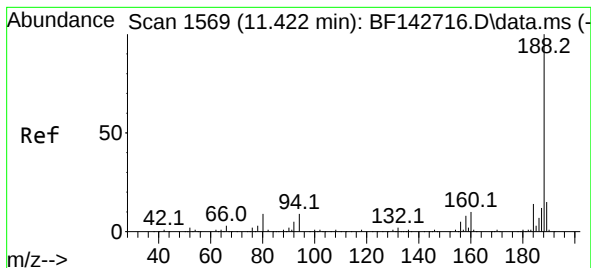
Tgt Ion:165 Resp: 21457
Ion Ratio Lower Upper
165 100
63 0.0 40.6 60.8#
89 0.0 37.6 56.4#



#57
2,4-Dinitrotoluene
Concen: 6.790 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion:165 Resp: 21457
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: 11.410 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142774.D

Acq: 18 Jun 2025 12:46

Instrument :

BNA_F

ClientSampleId :

PB168505BL

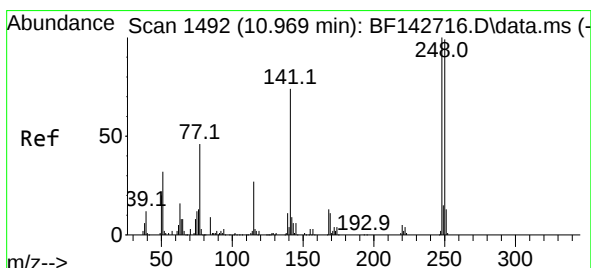
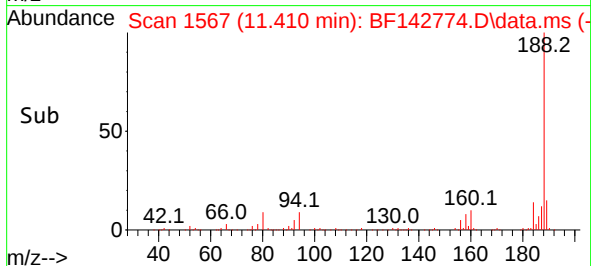
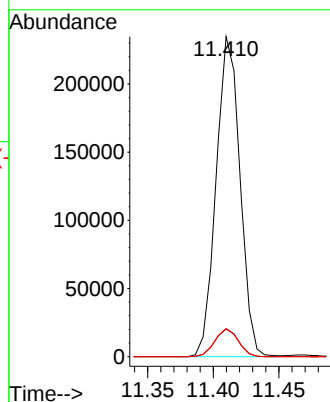
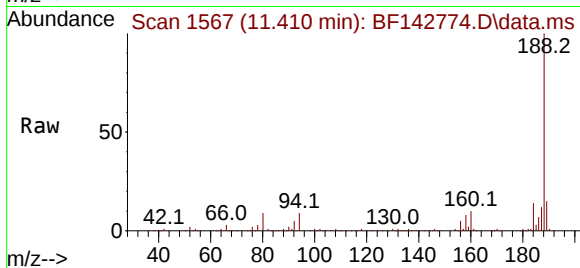
Tgt Ion:188 Resp: 296691

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 8.8 7.1 10.7



#67

4-Bromophenyl-phenylether

Concen: 4.275 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF142774.D

Acq: 18 Jun 2025 12:46

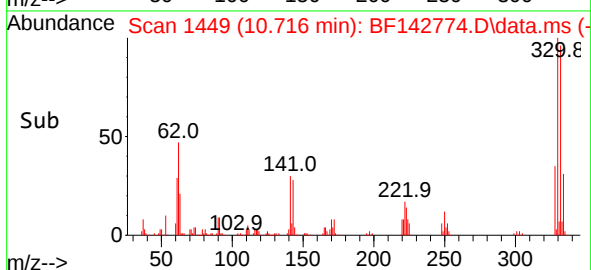
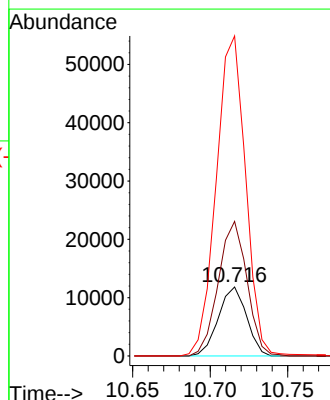
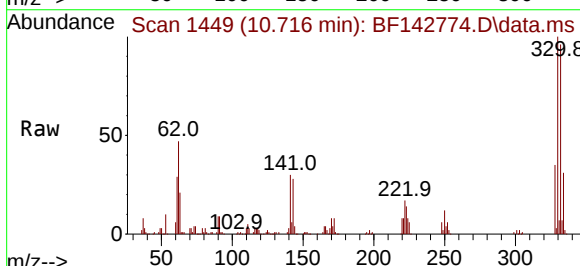
Tgt Ion:248 Resp: 14972

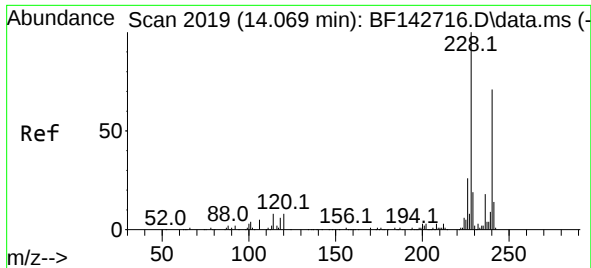
Ion Ratio Lower Upper

248 100

250 195.3 79.2 118.8#

141 464.2 59.3 88.9#

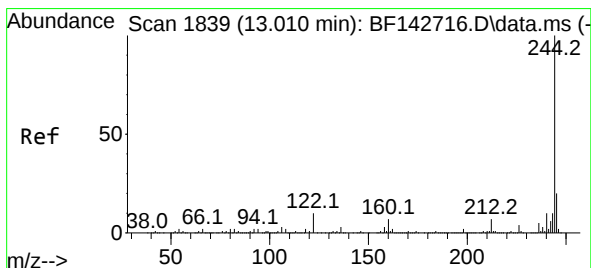
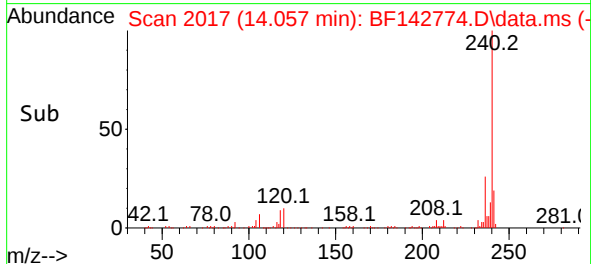
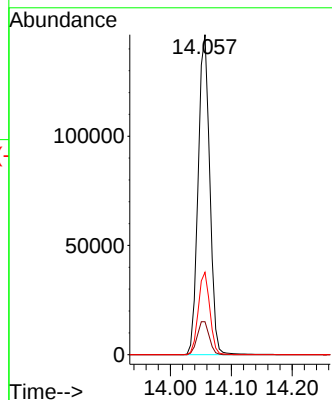
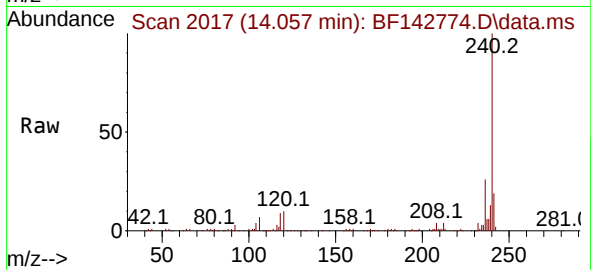




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

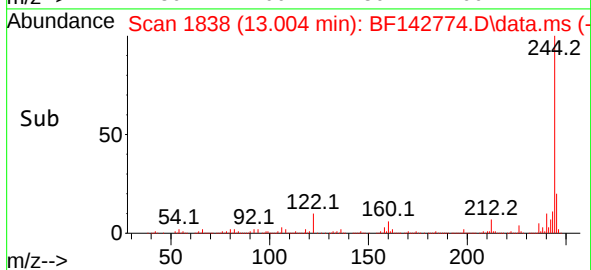
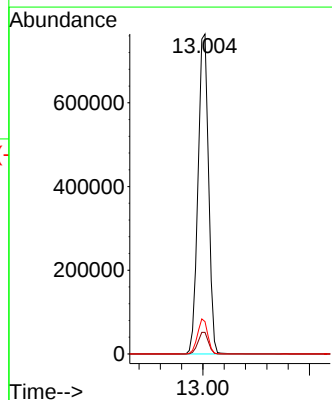
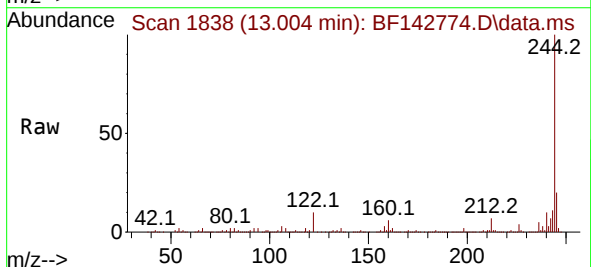
Instrument :
BNA_F
ClientSampleId :
PB168505BL

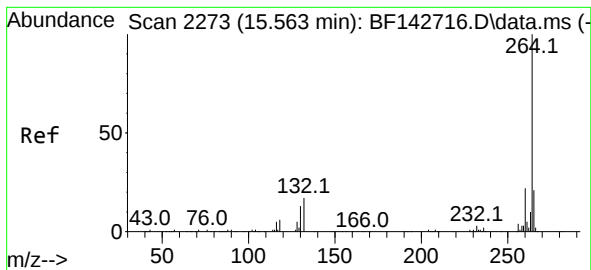
Tgt Ion:240 Resp: 193772
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.8 20.1 30.1



#79
Terphenyl-d14
Concen: 74.385 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion:244 Resp: 1049468
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF142774.D
 Acq: 18 Jun 2025 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB168505BL

Tgt Ion:264 Resp: 176878
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 21.4 16.6 25.0

