

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142724.D
 Acq On : 11 Jun 2025 09:53
 Operator : RC/JU
 Sample : PB168376BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 20:01:42 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)

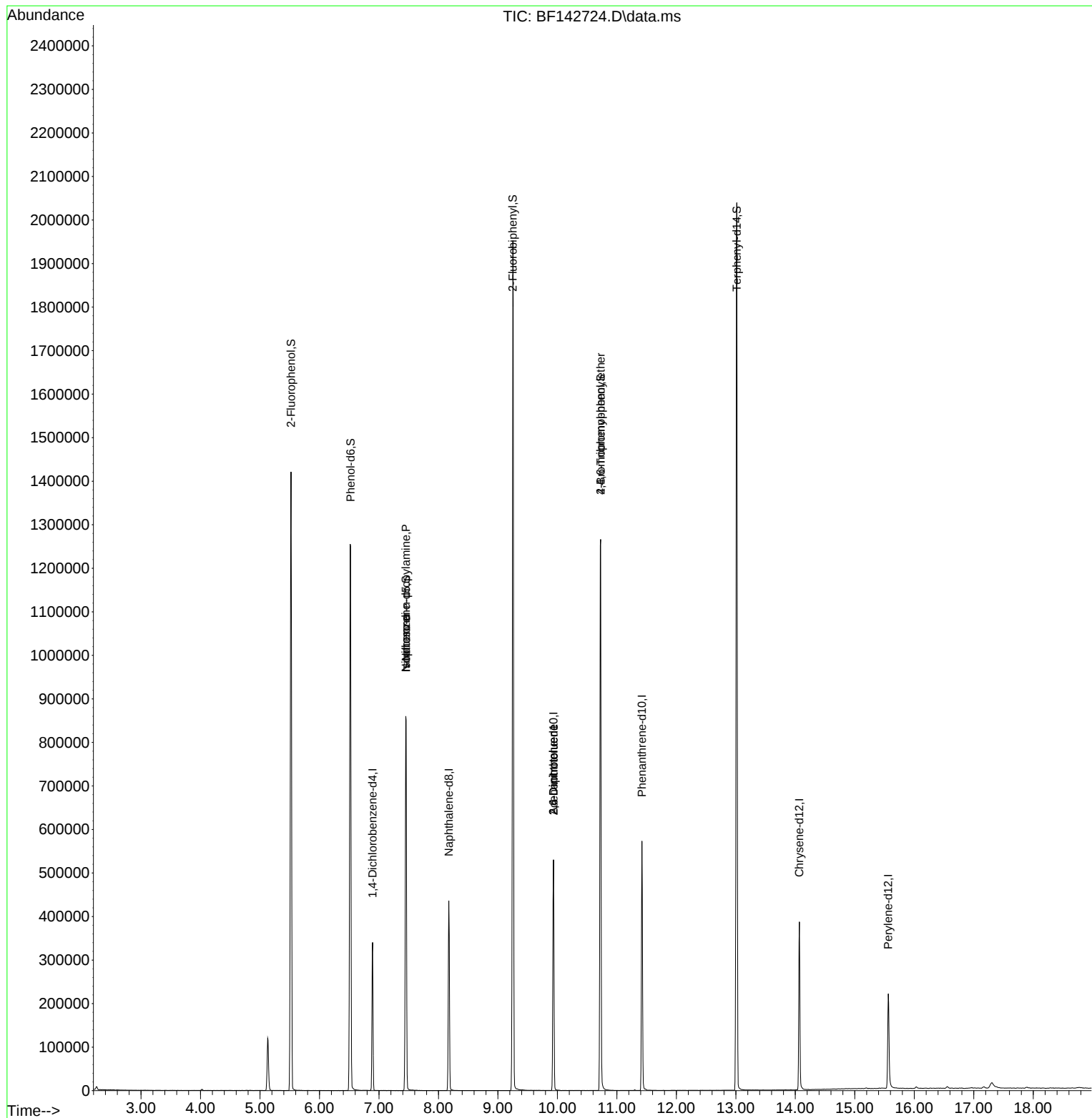
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75423	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	293240	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	164071	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	310217	20.000	ng	0.00
76) Chrysene-d12	14.068	240	203839	20.000	ng	0.00
86) Perylene-d12	15.562	264	148373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	567406	128.127	ng	0.02
7) Phenol-d6	6.522	99	663304	127.273	ng	0.00
23) Nitrobenzene-d5	7.451	82	418446	78.095	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	237240	131.932	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	943613	76.409	ng	0.00
79) Terphenyl-d14	13.015	244	1059635	71.397	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	56143	16.922	ng	# 77
25) Isophorone	7.451	82	414256	45.662	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	20656	8.723	ng	# 30
57) 2,4-Dinitrotoluene	9.933	165	20656	6.598	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	15112	4.127	ng	# 1

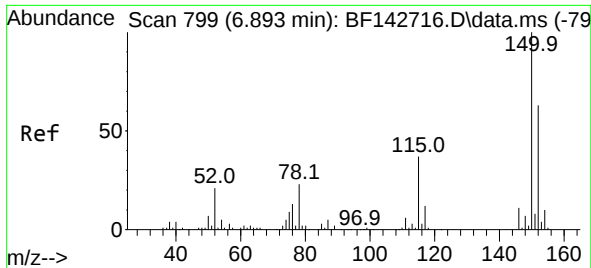
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142724.D
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Operator : RC/JU
Sample : PB168376BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

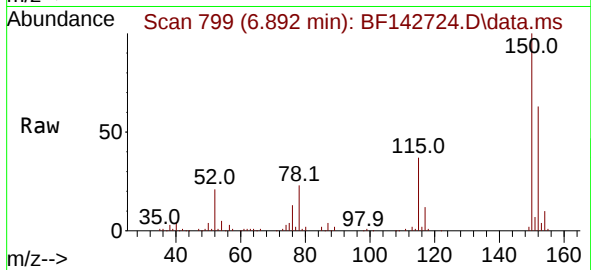
Quant Time: Jun 11 20:01:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



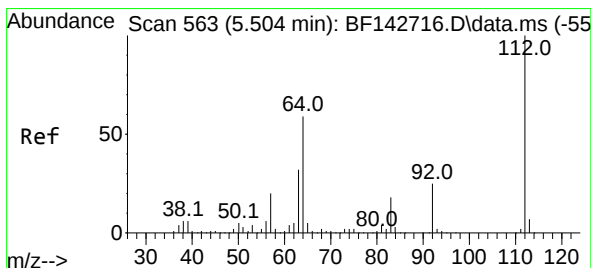
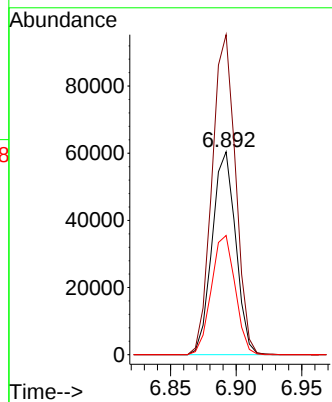
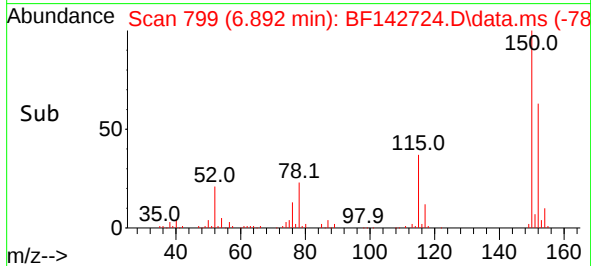


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF142724.D
 Acq: 11 Jun 2025 09:53

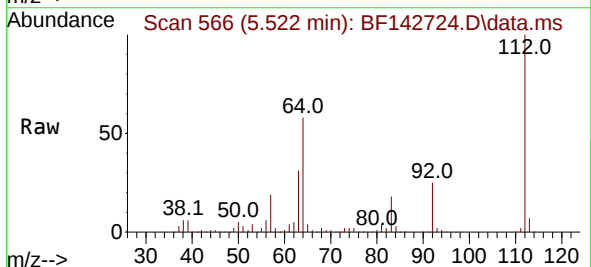
Instrument :
 BNA_F
 ClientSampleId :



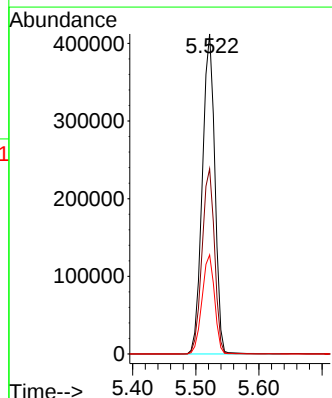
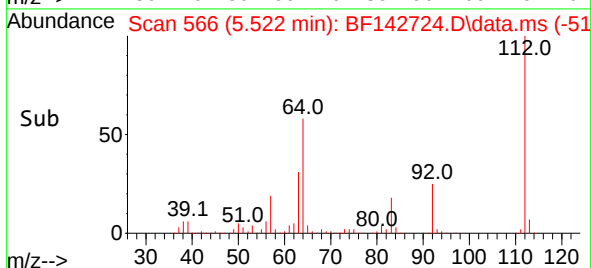
Tgt Ion:152 Resp: 75423
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.9 190.3
 115 58.7 47.0 70.6

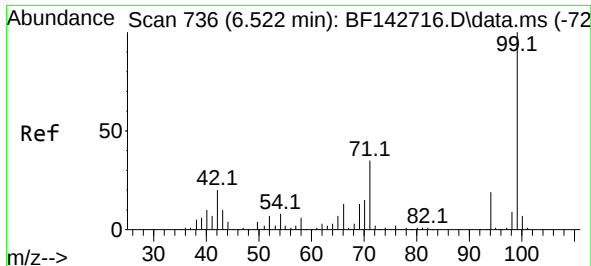


#5
 2-Fluorophenol
 Concen: 128.127 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.018 min
 Lab File: BF142724.D
 Acq: 11 Jun 2025 09:53



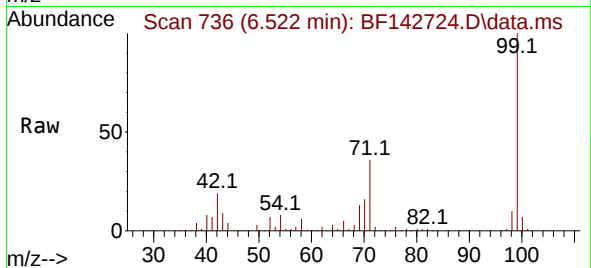
Tgt Ion:112 Resp: 567406
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.4 71.2
 63 31.0 25.4 38.0



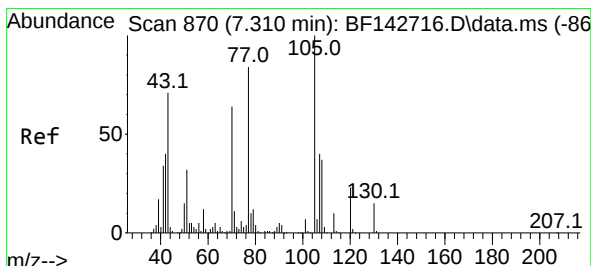
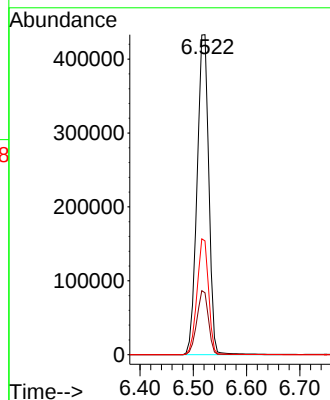
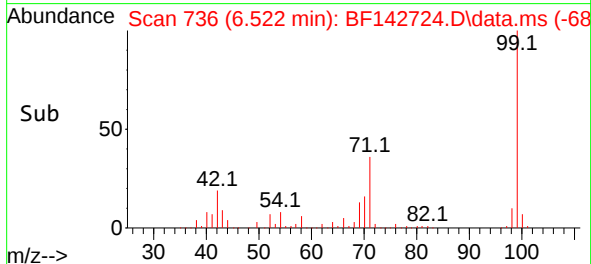


#7
Phenol-d6
Concen: 127.273 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

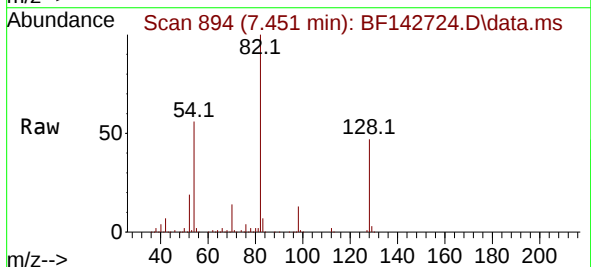
Instrument :
BNA_F
ClientSampleId :



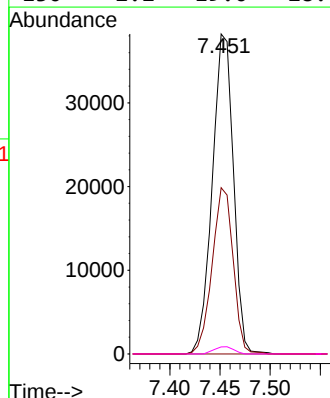
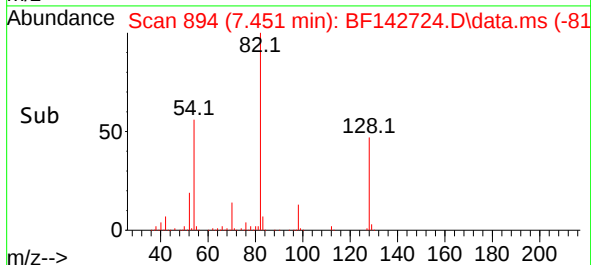
Tgt Ion: 99 Resp: 663304
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.6 28.0 42.0

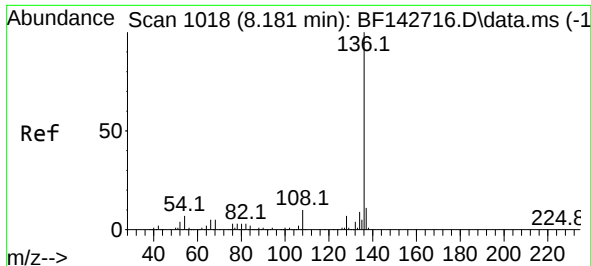


#19
n-Nitroso-di-n-propylamine
Concen: 16.922 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53



Tgt Ion: 70 Resp: 56143
Ion Ratio Lower Upper
70 100
42 52.0 50.2 75.4
101 0.0 8.3 12.5#
130 2.2 19.0 28.6#

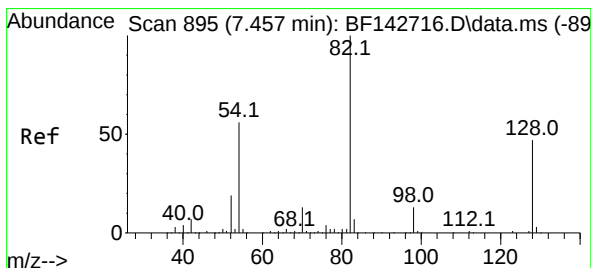
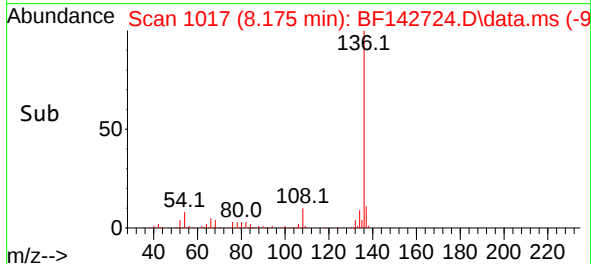
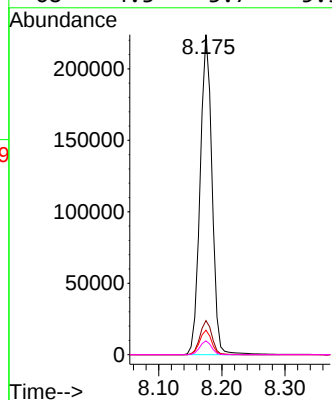
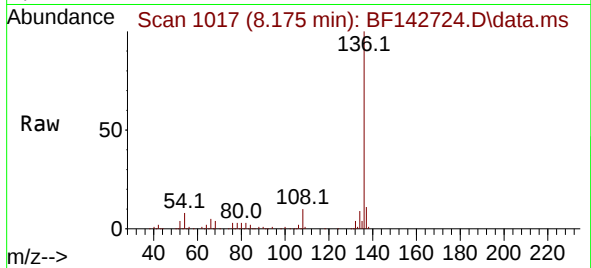




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

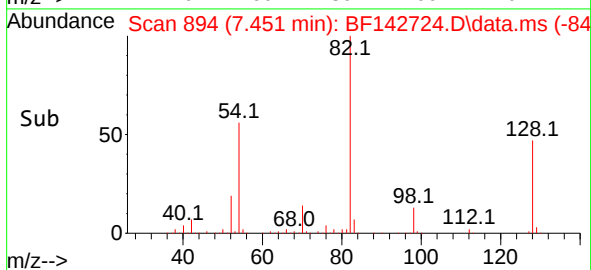
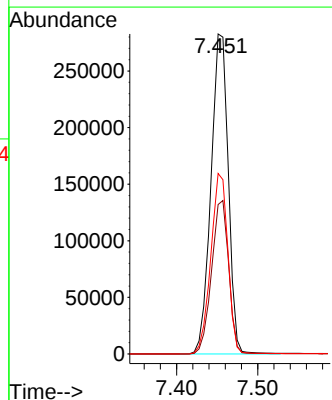
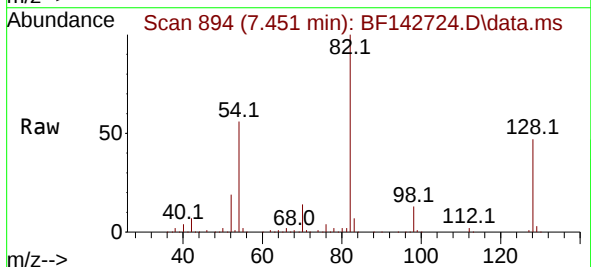
Instrument :
BNA_F
ClientSampleId :

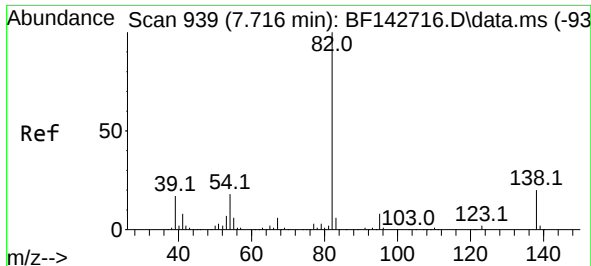
Tgt Ion:136 Resp: 293240
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 5.9 8.9
68 4.3 3.7 5.5



#23
Nitrobenzene-d5
Concen: 78.095 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Tgt Ion: 82 Resp: 418446
Ion Ratio Lower Upper
82 100
128 46.7 37.8 56.8
54 56.4 44.9 67.3

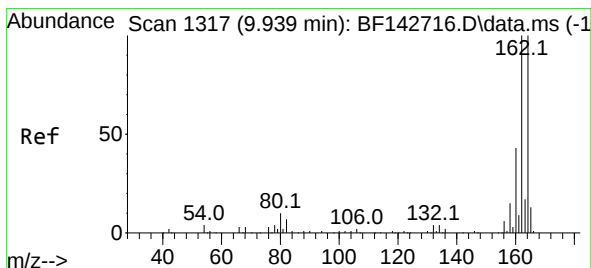
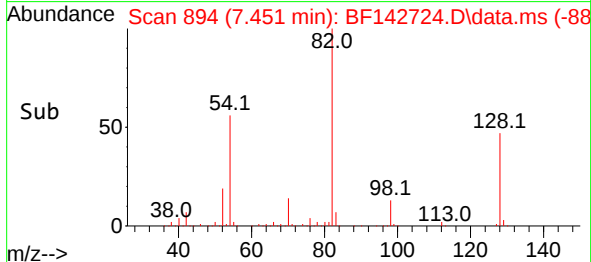
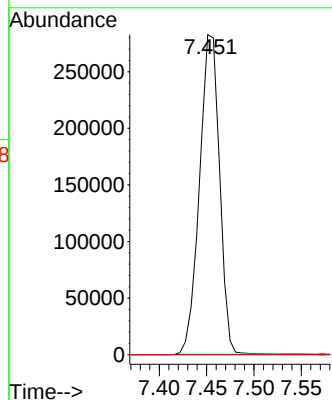
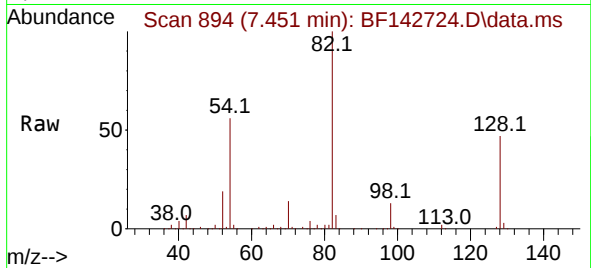




#25
Isophorone
Concen: 45.662 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

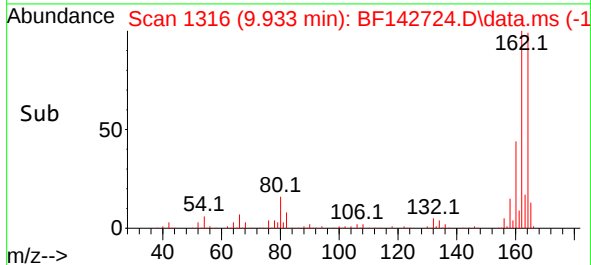
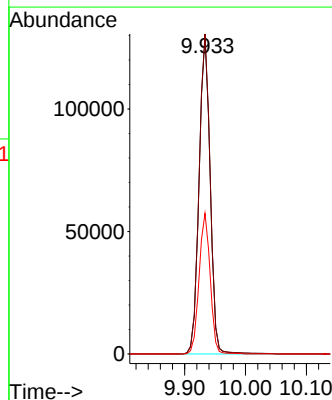
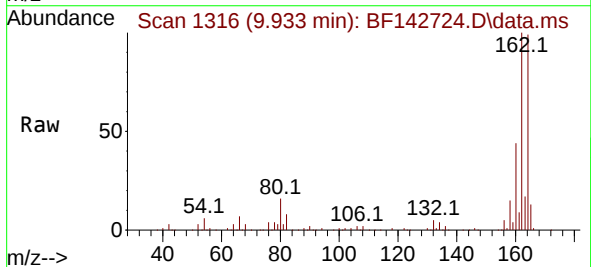
Instrument :
BNA_F
ClientSampleId :

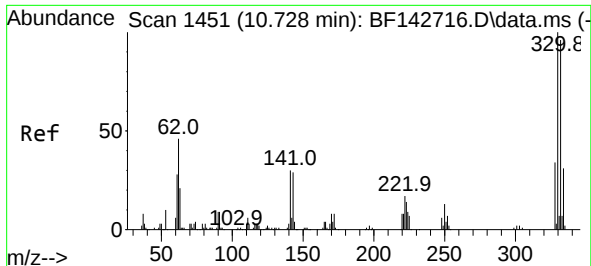
Tgt Ion: 82 Resp: 414256
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

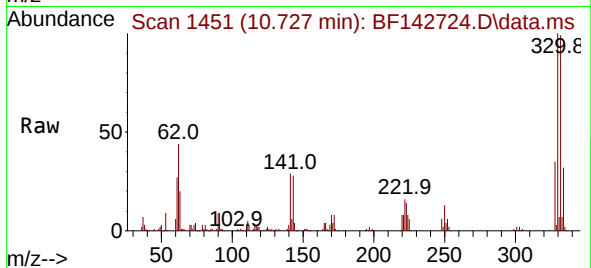
Tgt Ion:164 Resp: 164071
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 44.3 34.8 52.2



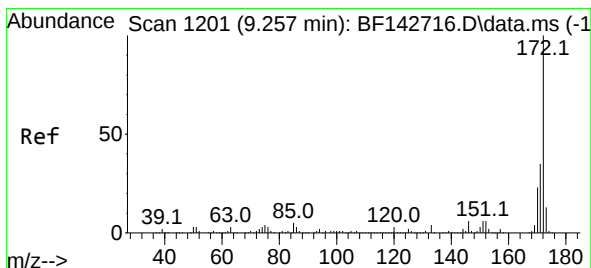
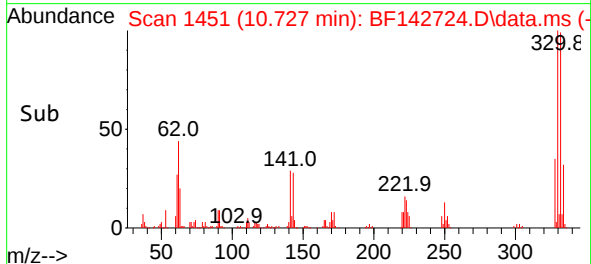
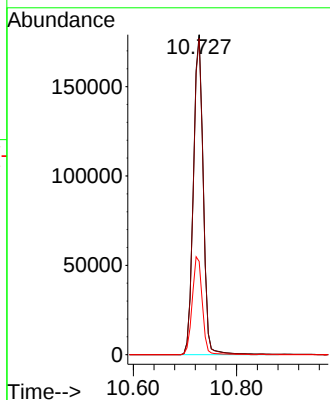


#42
2,4,6-Tribromophenol
Concen: 131.932 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Instrument :
BNA_F
ClientSampleId :

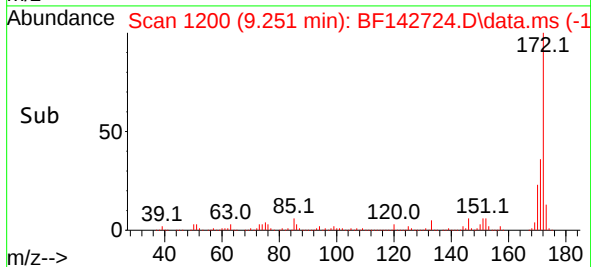
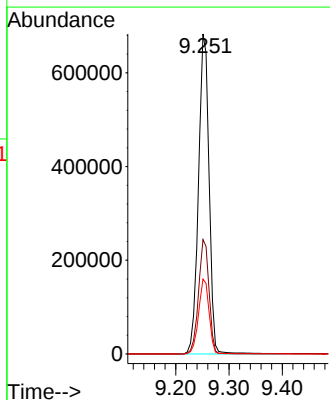
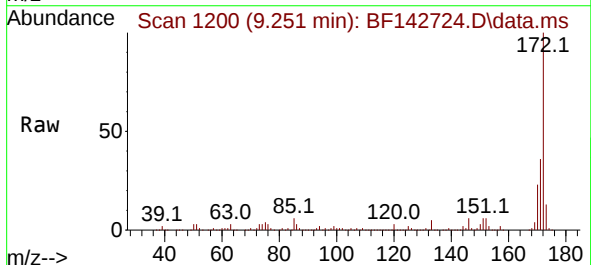


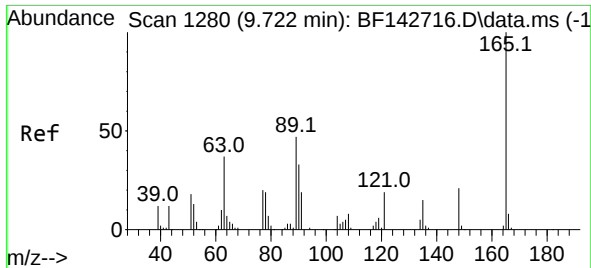
Tgt Ion:330 Resp: 237240
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 31.2 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 76.409 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

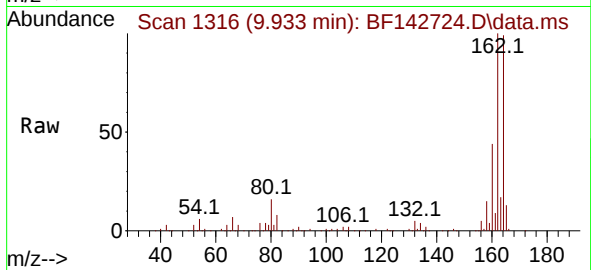
Tgt Ion:172 Resp: 943613
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 18.6 27.8



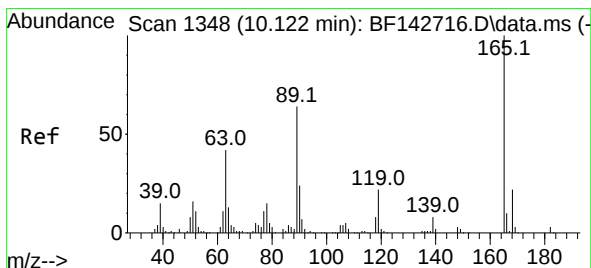
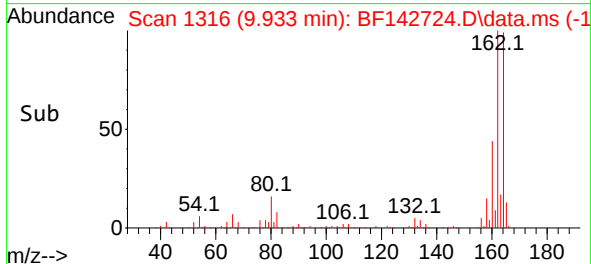
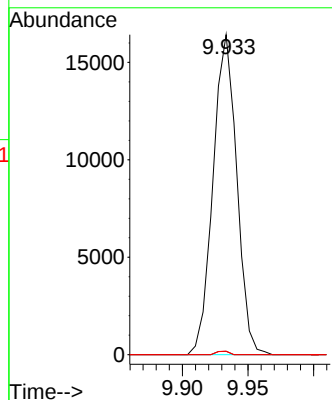


#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Instrument :
BNA_F
ClientSampleId :

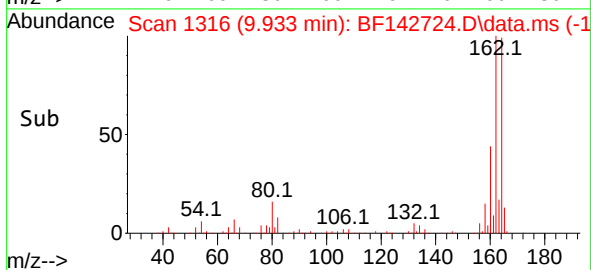
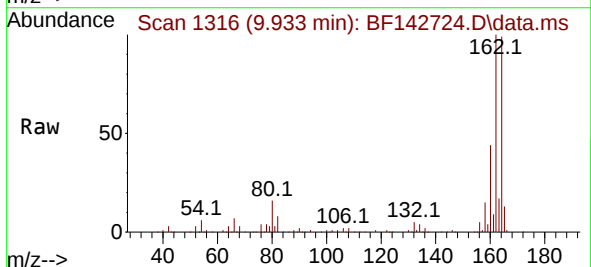
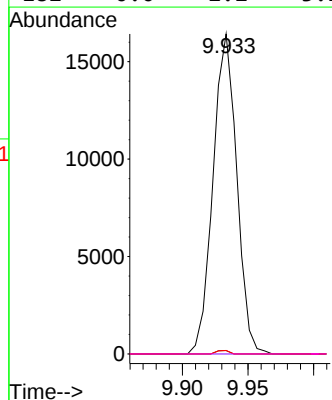


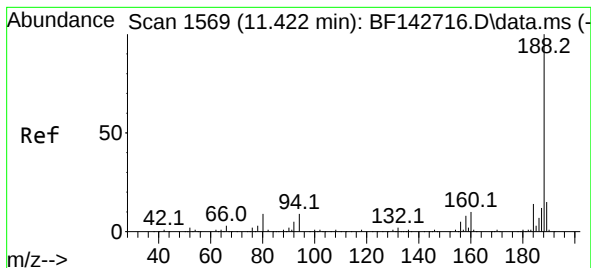
Tgt Ion:165 Resp: 20656
Ion Ratio Lower Upper
165 100
63 1.0 40.6 60.8#
89 1.1 37.6 56.4#



#57
2,4-Dinitrotoluene
Concen: 6.598 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Tgt Ion:165 Resp: 20656
Ion Ratio Lower Upper
165 100
63 1.0 34.1 51.1#
89 1.1 50.8 76.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.000 min

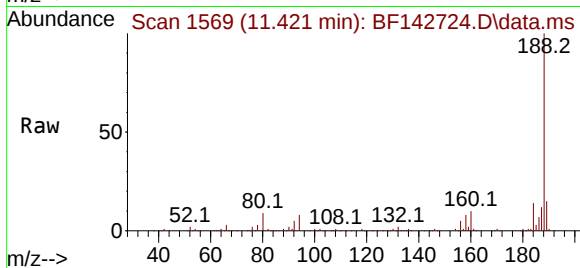
Lab File: BF142724.D

Acq: 11 Jun 2025 09:53

Instrument :

BNA_F

ClientSampleId :



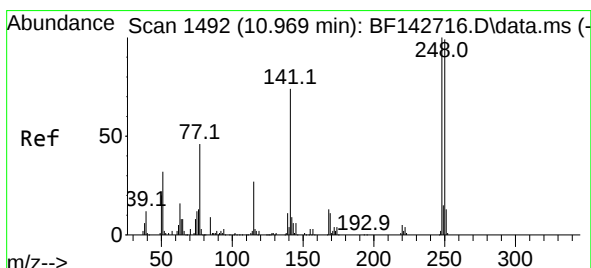
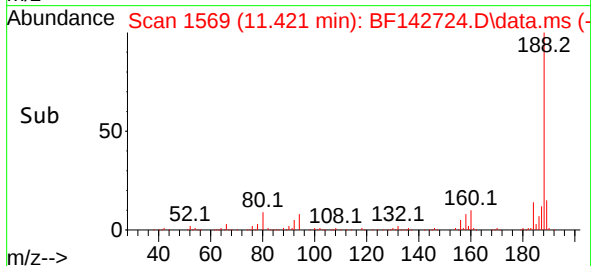
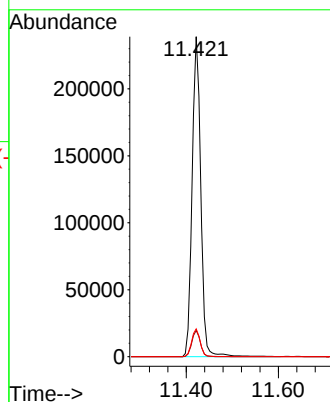
Tgt Ion:188 Resp: 310217

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.7 7.1 10.7



#67

4-Bromophenyl-phenylether

Concen: 4.127 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF142724.D

Acq: 11 Jun 2025 09:53

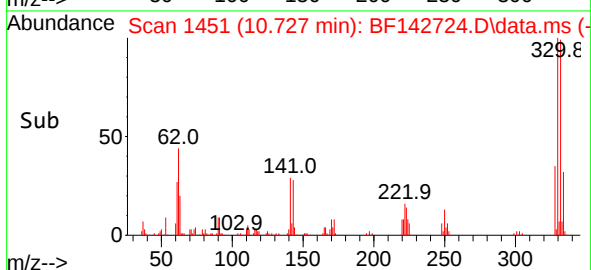
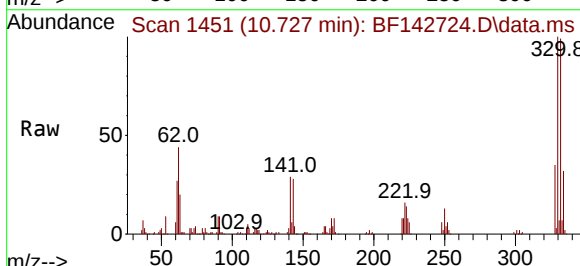
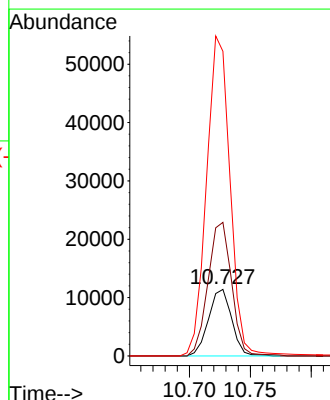
Tgt Ion:248 Resp: 15112

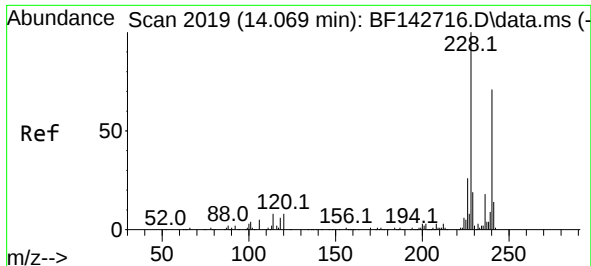
Ion Ratio Lower Upper

248 100

250 200.7 79.2 118.8#

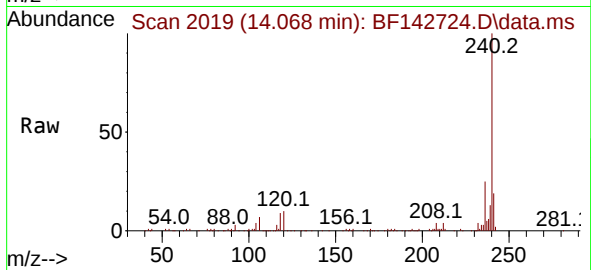
141 457.6 59.3 88.9#



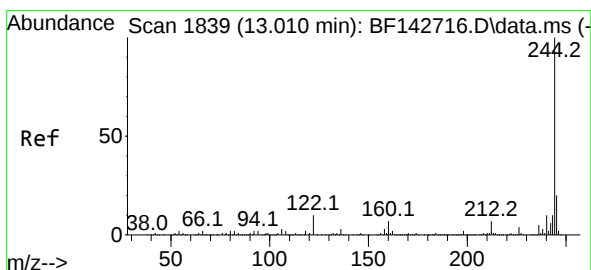
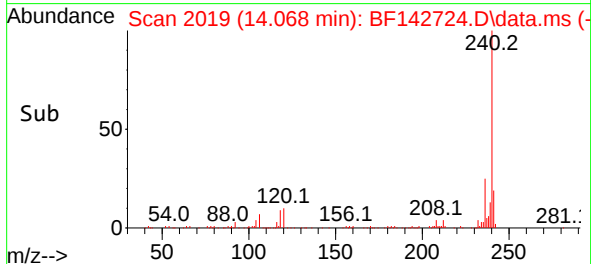
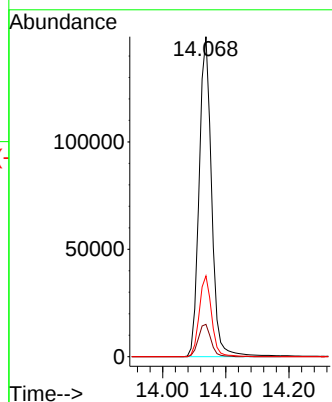


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Instrument :
BNA_F
ClientSampleId :

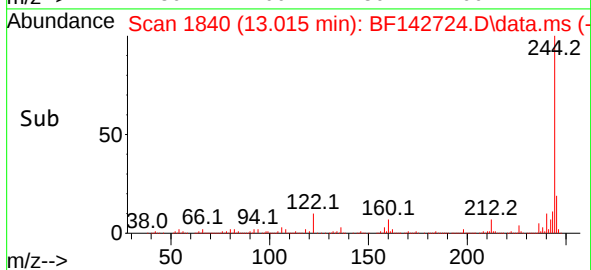
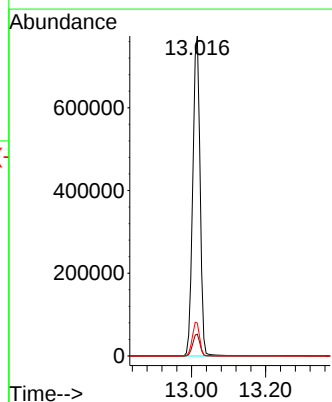
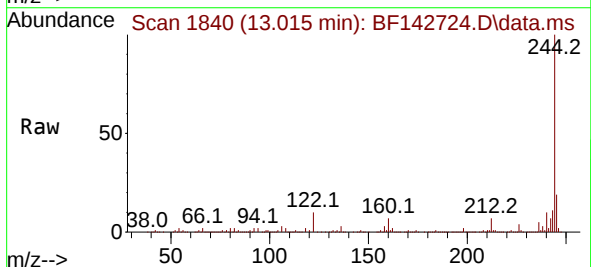


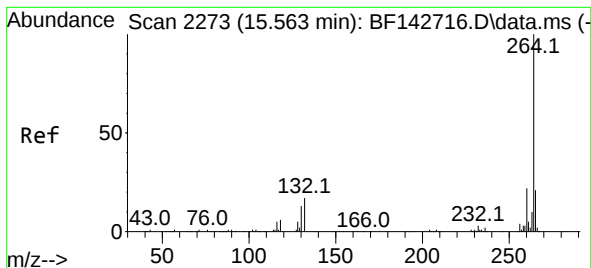
Tgt Ion:240 Resp: 203839
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.3 20.1 30.1



#79
Terphenyl-d14
Concen: 71.397 ng
RT: 13.015 min Scan# 1840
Delta R.T. 0.005 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Tgt Ion:244 Resp: 1059635
Ion Ratio Lower Upper
244 100
212 6.8 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

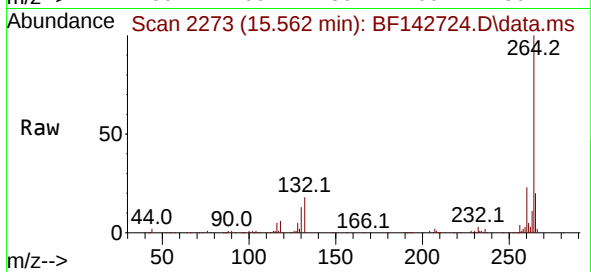
Lab File: BF142724.D

Acq: 11 Jun 2025 09:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 148373

Ion Ratio Lower Upper

264 100

260 23.1 17.8 26.6

265 20.4 16.6 25.0

