

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142603.D
 Acq On : 04 Jun 2025 13:05
 Operator : RC/JU
 Sample : PB168234BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:37:53 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)

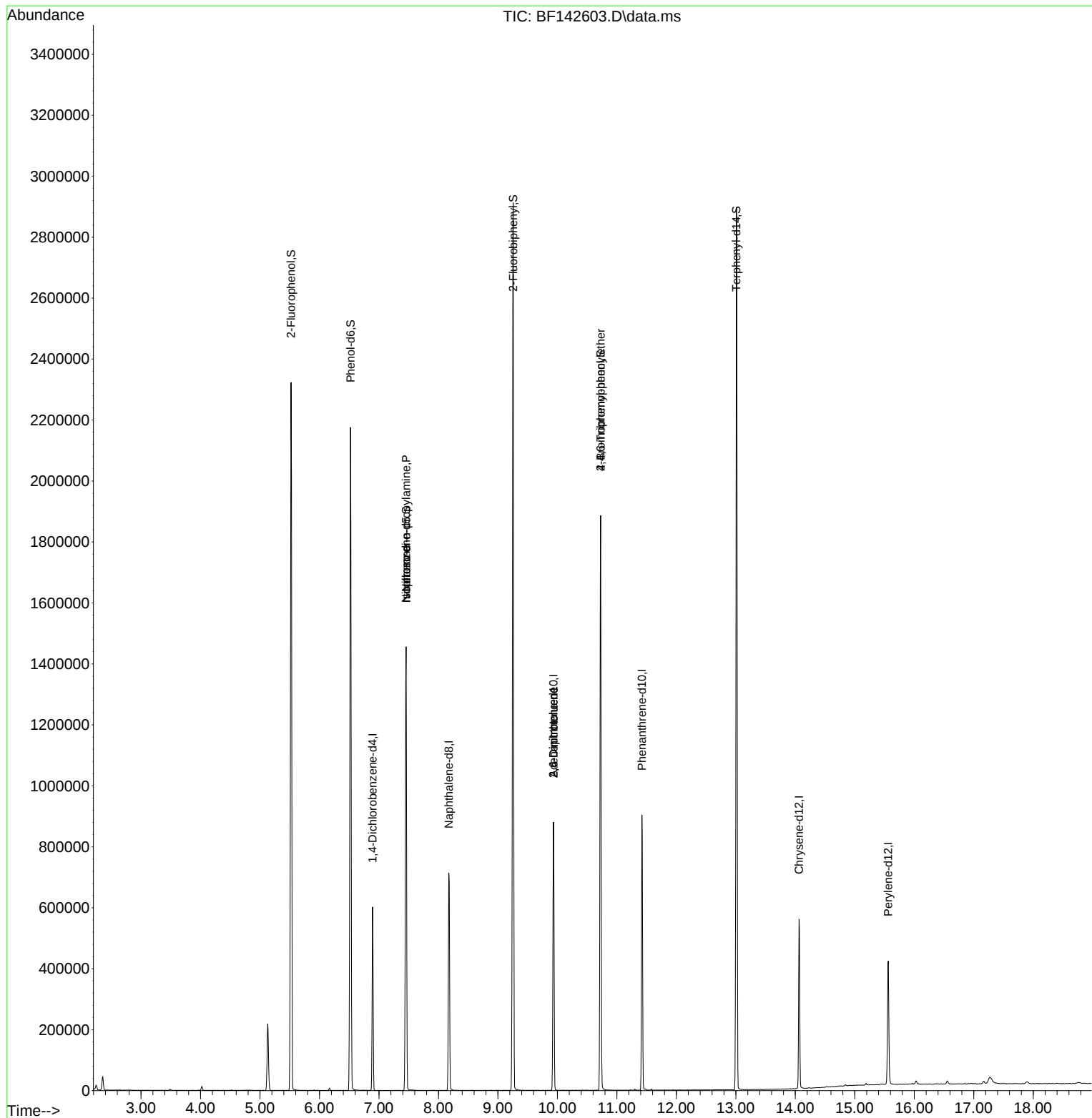
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131273	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	500088	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	273312	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	477318	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	281764	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	248996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	931257	119.517	ng	0.00
7) Phenol-d6	6.522	99	1120166	119.427	ng	-0.01
23) Nitrobenzene-d5	7.457	82	690335	75.273	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	355604	117.229	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1463491	71.852	ng	-0.01
79) Terphenyl-d14	13.010	244	1487213	72.129	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	91913	15.812	ng	# 75
25) Isophorone	7.457	82	664178	43.316	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	34568	8.881	ng	# 27
57) 2,4-Dinitrotoluene	9.934	165	34568	6.800	ng	# 28
67) 4-Bromophenyl-phenylether	10.728	248	22120	3.919	ng	# 1

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

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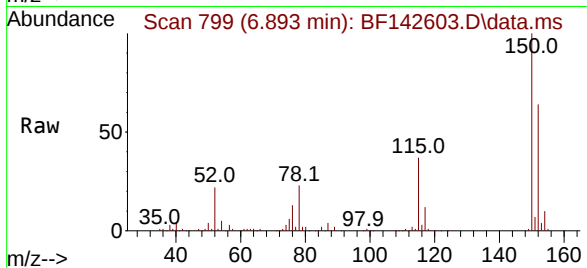
Quant Time: Jun 04 13:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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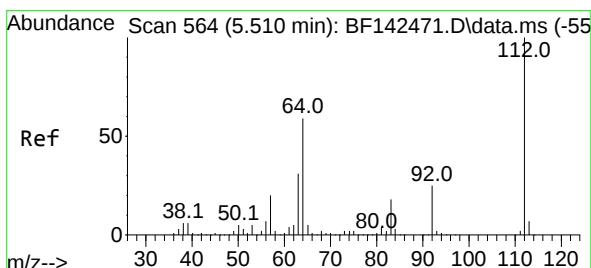
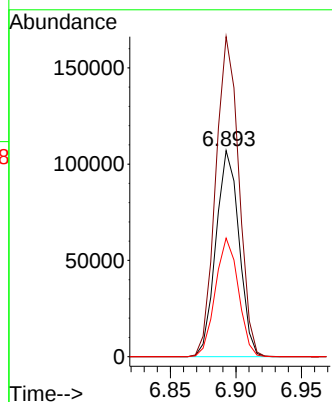
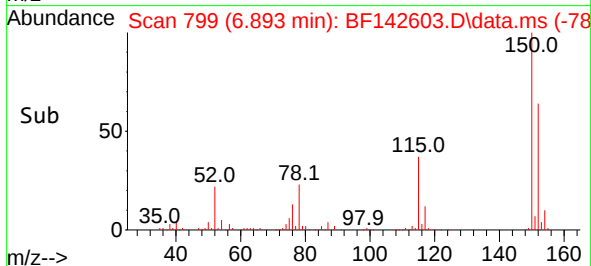


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :

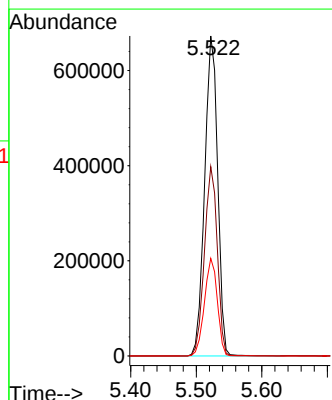
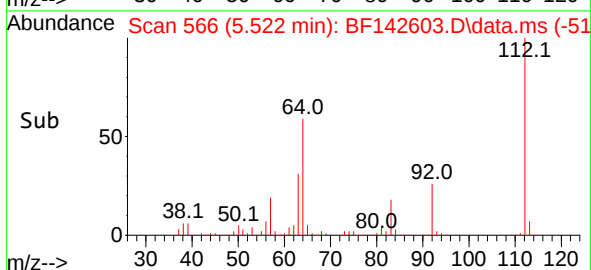
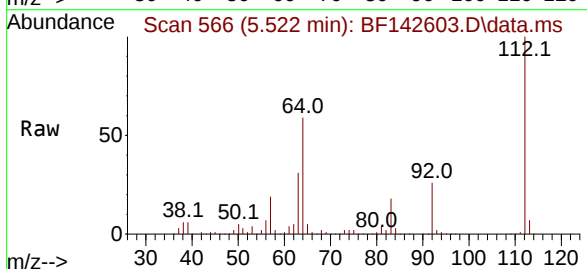


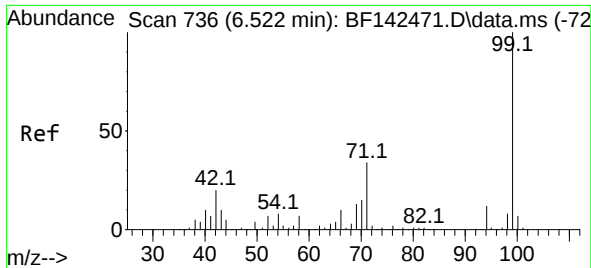
Tgt Ion:152 Resp: 131273
Ion Ratio Lower Upper
152 100
150 155.2 128.2 192.4
115 57.5 48.3 72.5



#5
2-Fluorophenol
Concen: 119.517 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

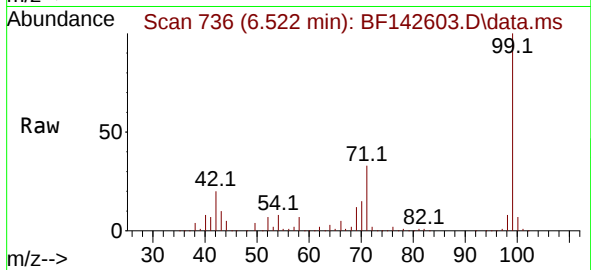
Tgt Ion:112 Resp: 931257
Ion Ratio Lower Upper
112 100
64 59.2 47.5 71.3
63 30.5 24.9 37.3



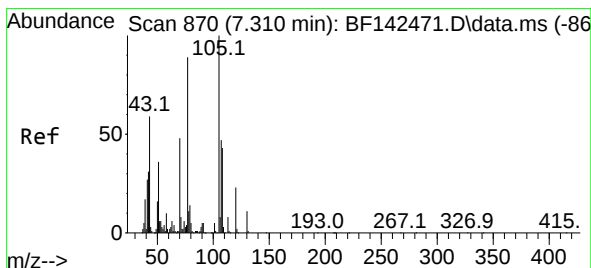
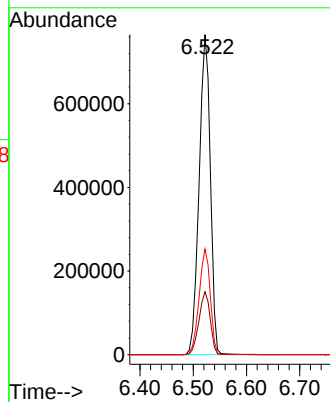
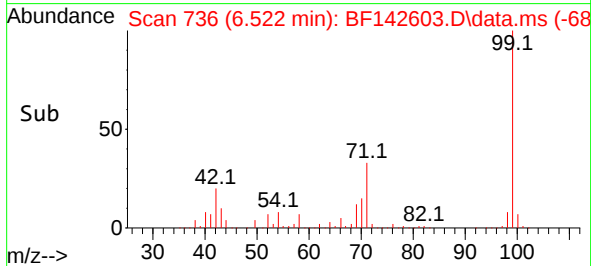


#7
Phenol-d6
Concen: 119.427 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

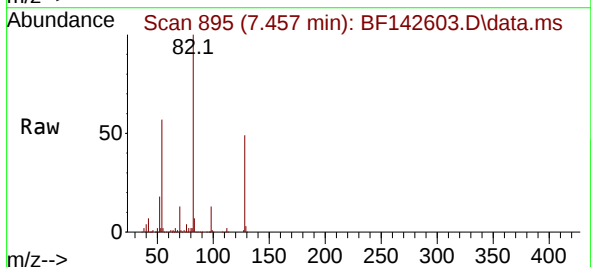
Instrument :
BNA_F
ClientSampleId :



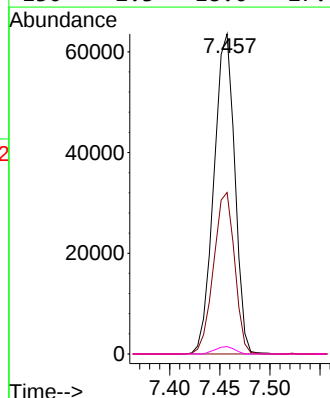
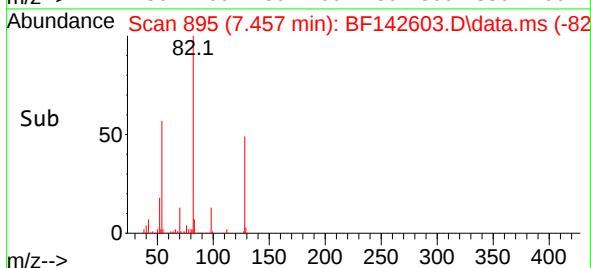
Tgt Ion: 99 Resp: 1120166
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.0 27.3 40.9

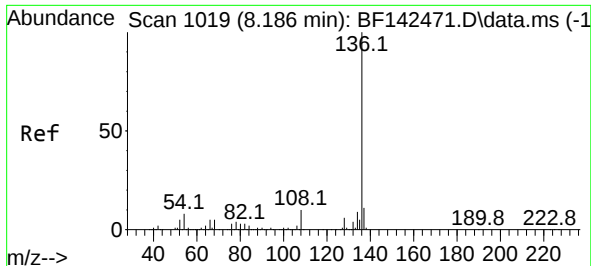


#19
n-Nitroso-di-n-propylamine
Concen: 15.812 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05



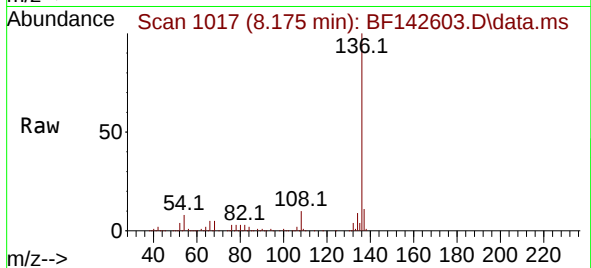
Tgt Ion: 70 Resp: 91913
Ion Ratio Lower Upper
70 100
42 50.4 52.4 78.6#
101 0.0 7.8 11.8#
130 2.3 18.0 27.0#



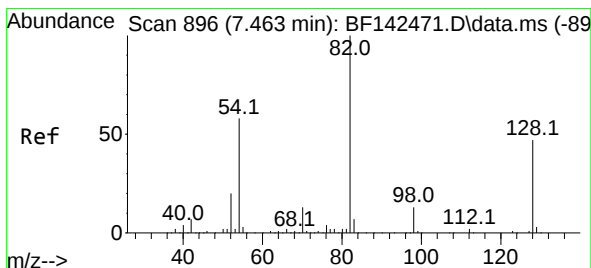
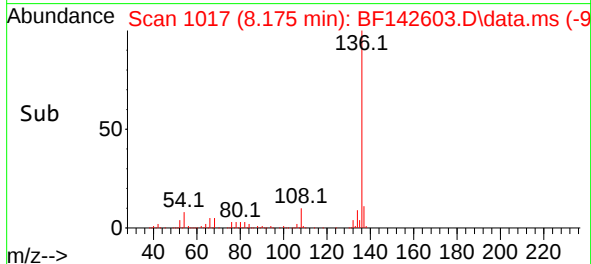
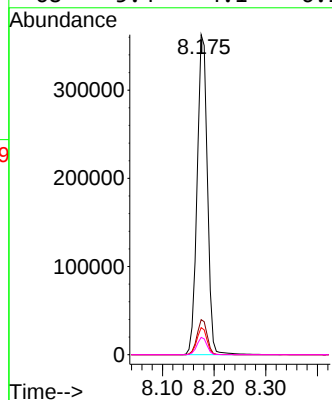


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :

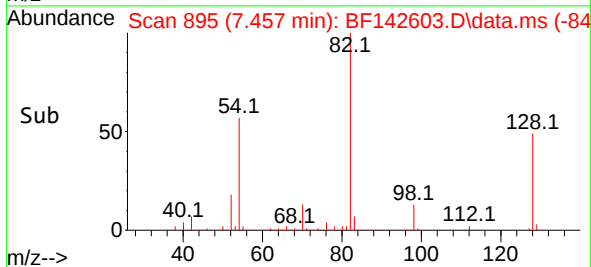
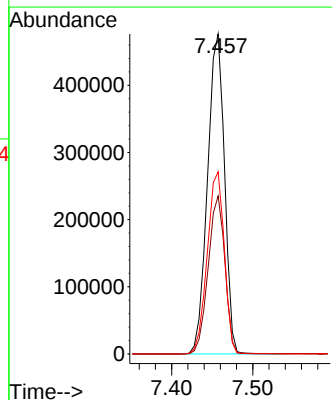
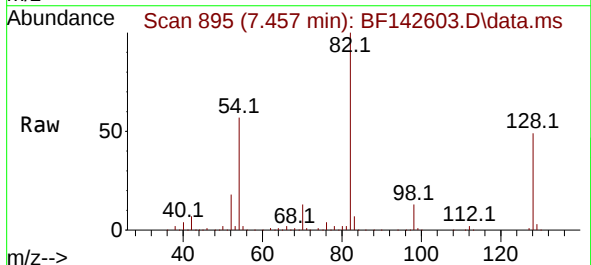


Tgt Ion:136 Resp: 500088
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.6 10.0
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 75.273 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion: 82 Resp: 690335
Ion Ratio Lower Upper
82 100
128 49.4 37.4 56.2
54 56.9 46.6 70.0

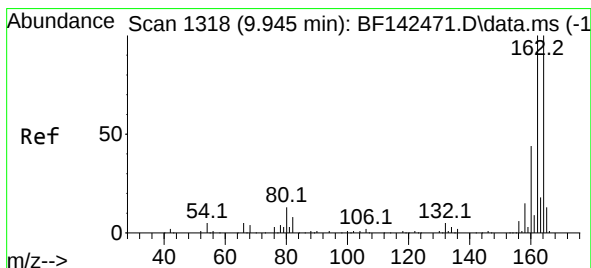
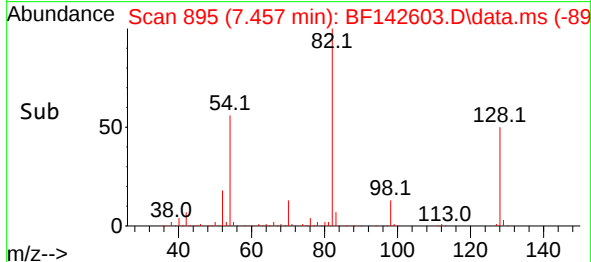
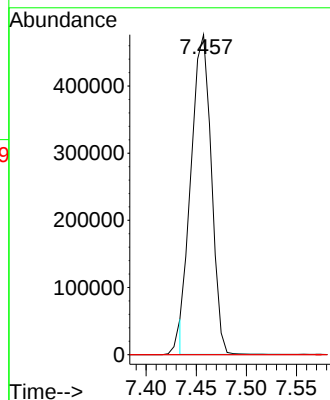
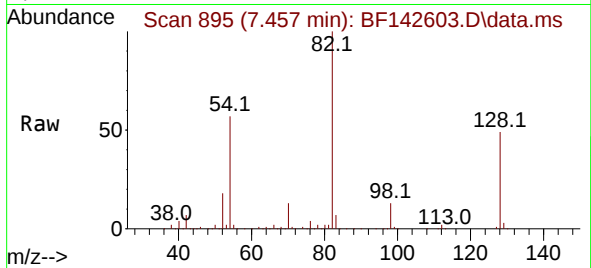




#25
Isophorone
Concen: 43.316 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

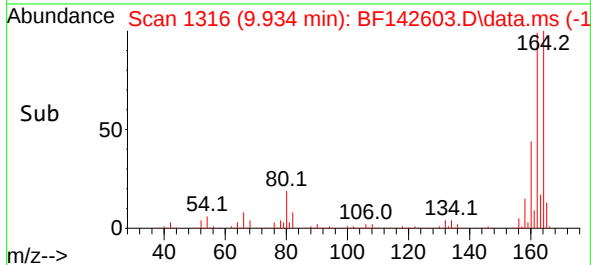
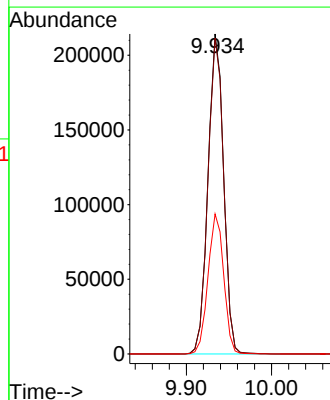
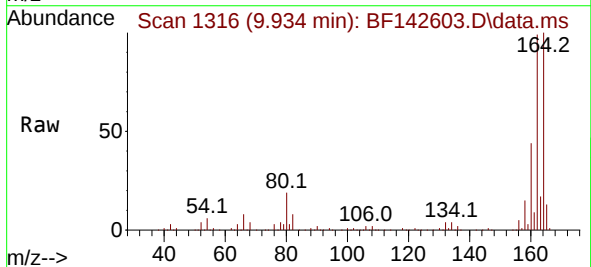
Instrument :
BNA_F
ClientSampleId :

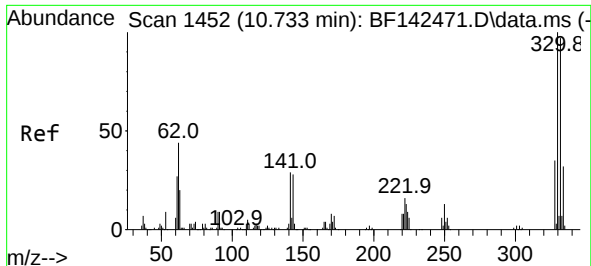
Tgt Ion: 82 Resp: 664178
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

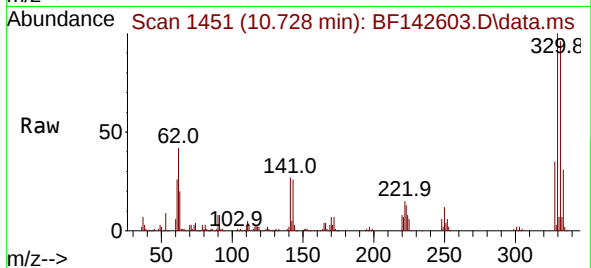
Tgt Ion:164 Resp: 273312
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.4
160 43.8 35.6 53.4



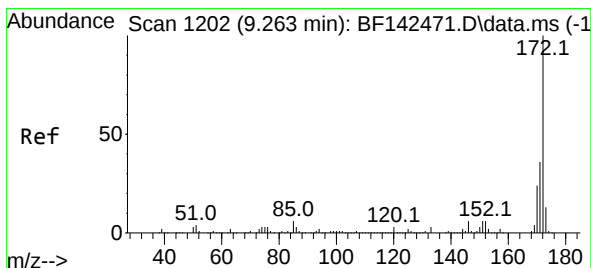
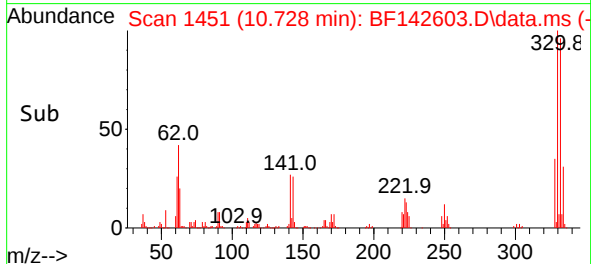
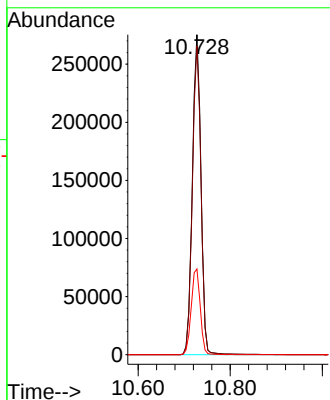


#42
2,4,6-Tribromophenol
Concen: 117.229 ng
RT: 10.728 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :

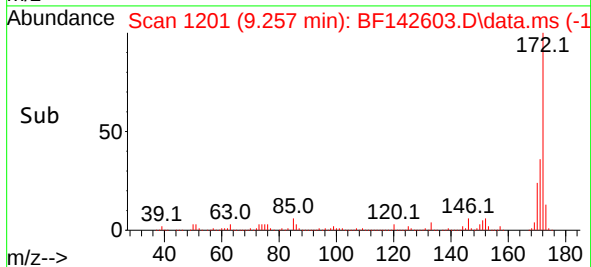
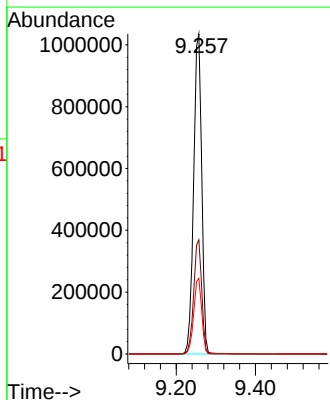
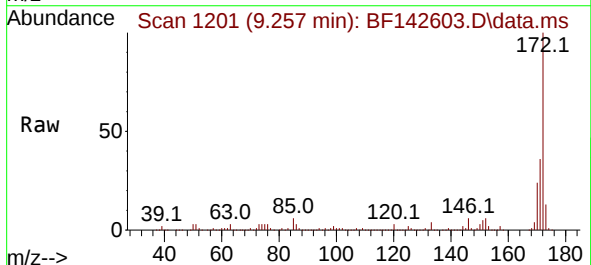


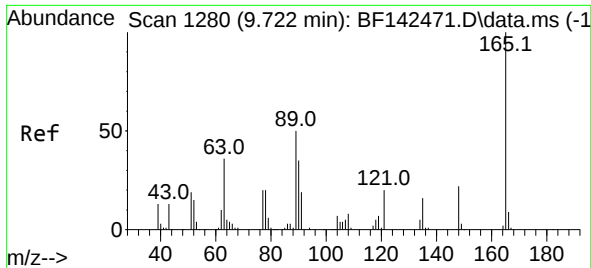
Tgt Ion:330 Resp: 355604
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 28.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 71.852 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:172 Resp: 1463491
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.6 18.9 28.3

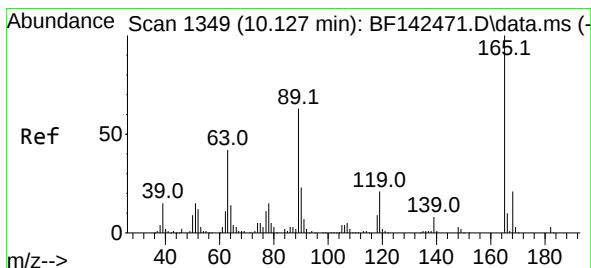
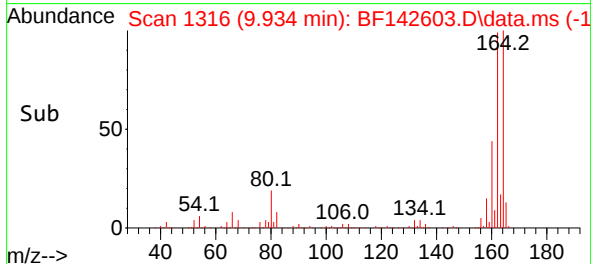
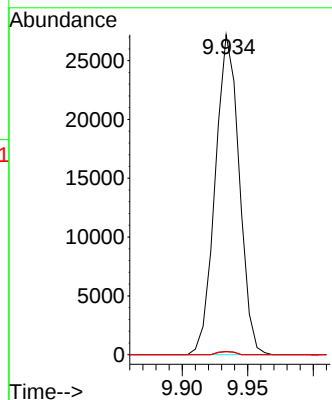
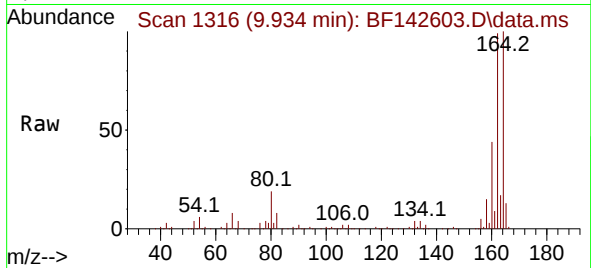




#51
2,6-Dinitrotoluene
Concen: 8.881 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

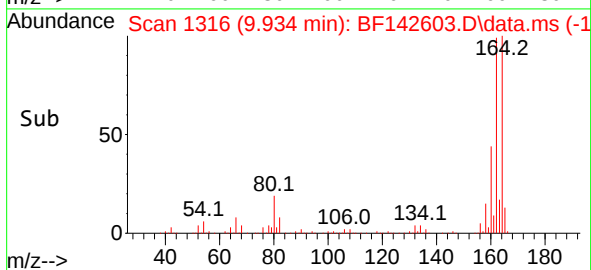
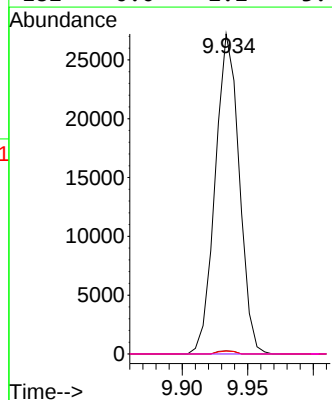
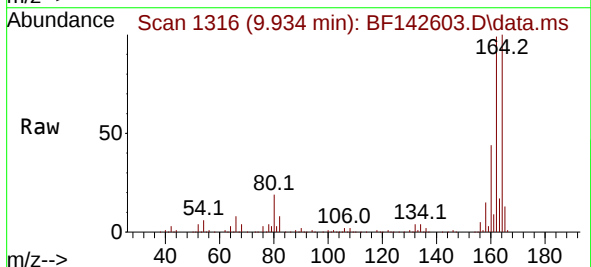
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BNA_F
ClientSampleId :

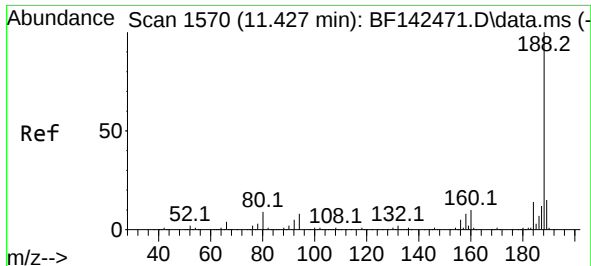
Tgt Ion:165 Resp: 34568
Ion Ratio Lower Upper
165 100
63 1.0 42.9 64.3#
89 0.9 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:165 Resp: 34568
Ion Ratio Lower Upper
165 100
63 1.0 33.6 50.4#
89 0.9 50.2 75.4#
182 0.0 2.2 3.4#

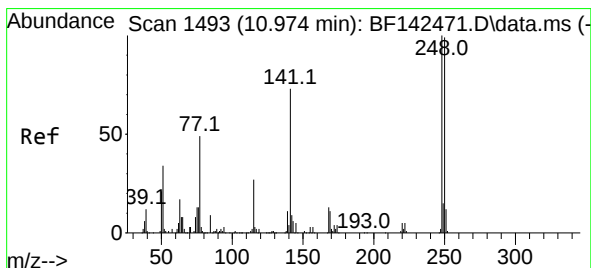
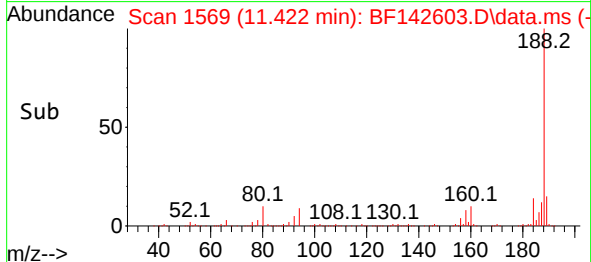
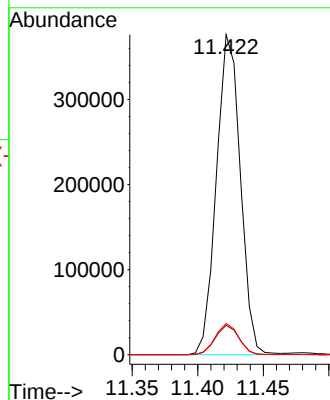
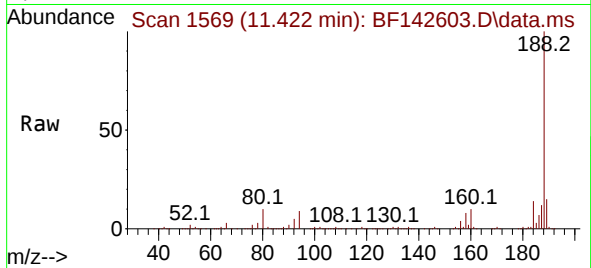




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

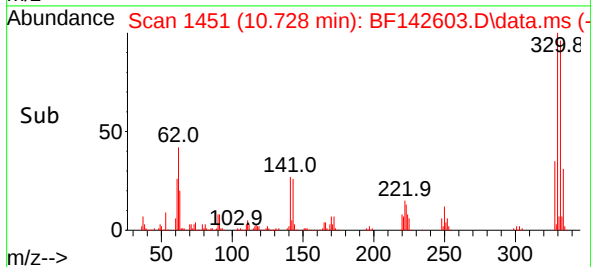
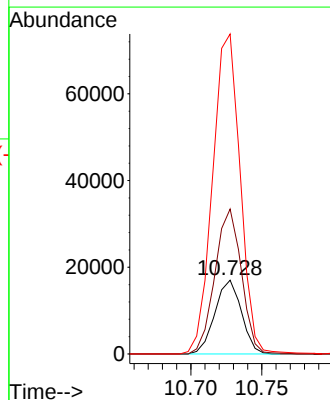
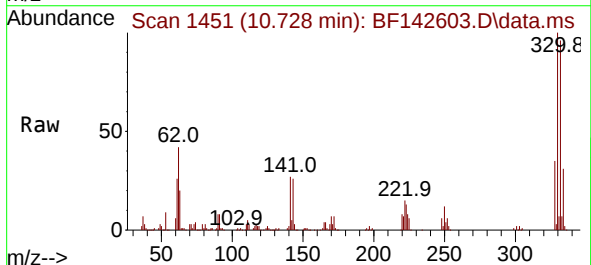
Instrument :
BNA_F
ClientSampleId :

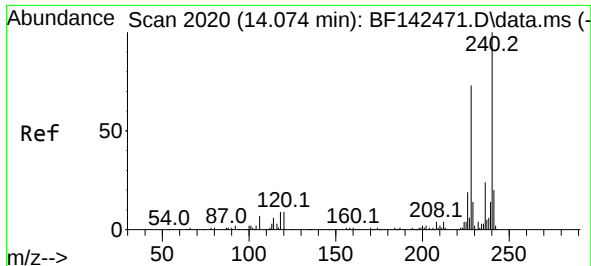
Tgt Ion:188 Resp: 477318
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.7 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.919 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Tgt Ion:248 Resp: 22120
Ion Ratio Lower Upper
248 100
250 196.2 79.0 118.4#
141 433.4 58.4 87.6#

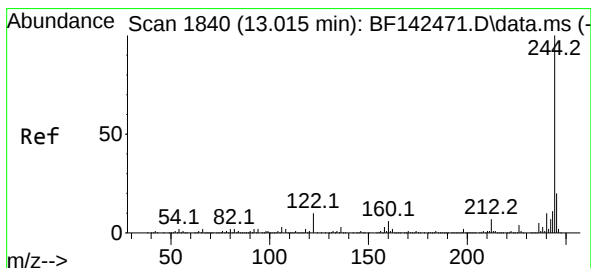
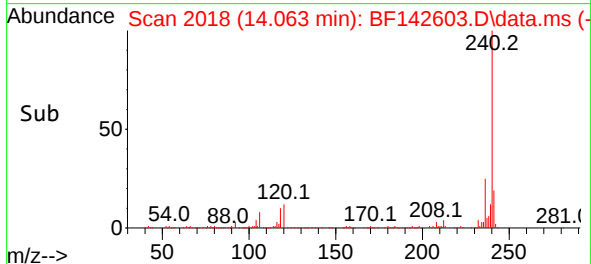
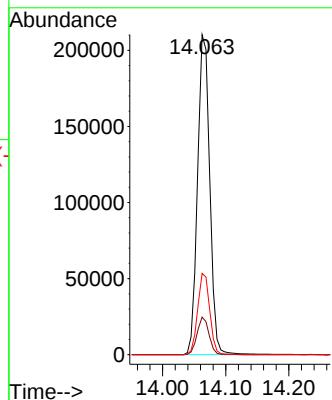
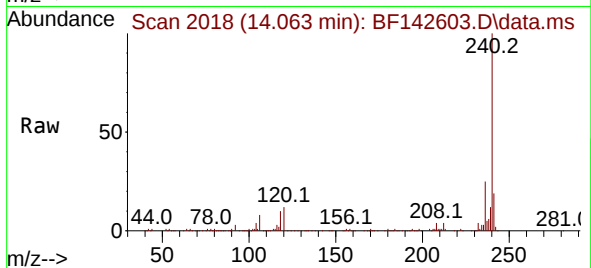




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

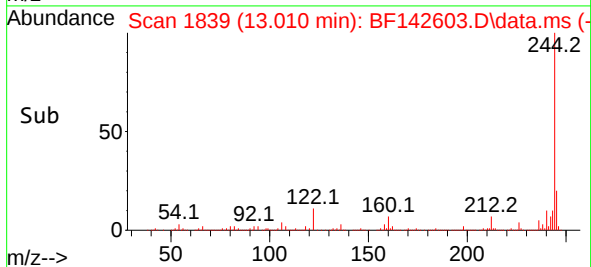
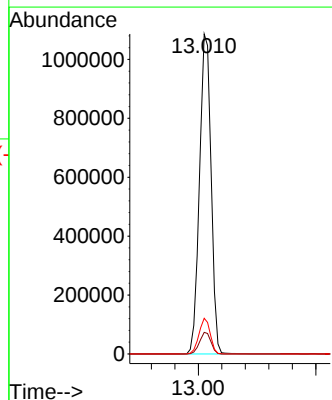
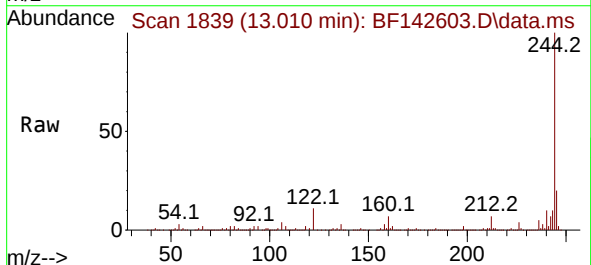
Instrument :
BNA_F
ClientSampleId :

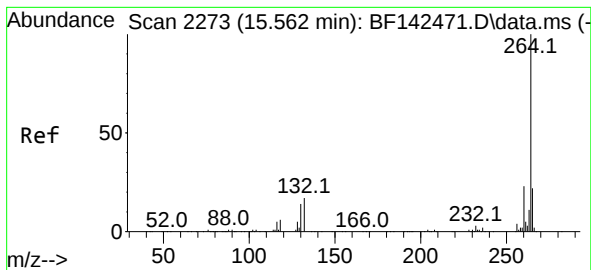
Tgt Ion:240 Resp: 281764
Ion Ratio Lower Upper
240 100
120 11.8 7.5 11.3#
236 25.4 19.6 29.4



#79
Terphenyl-d14
Concen: 72.129 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

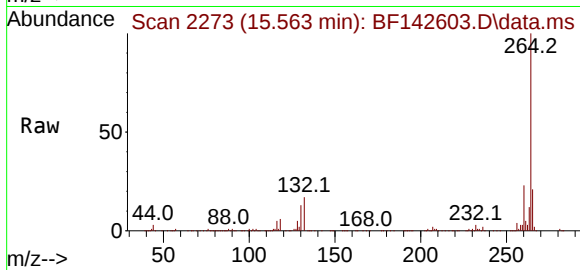
Tgt Ion:244 Resp: 1487213
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 11.1 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142603.D
Acq: 04 Jun 2025 13:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 248996
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.1 17.7 26.5

