

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144100.D
 Acq On : 28 Oct 2025 14:46
 Operator : RC/JU
 Sample : PB170202TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170202TB

Quant Time: Oct 28 15:09:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

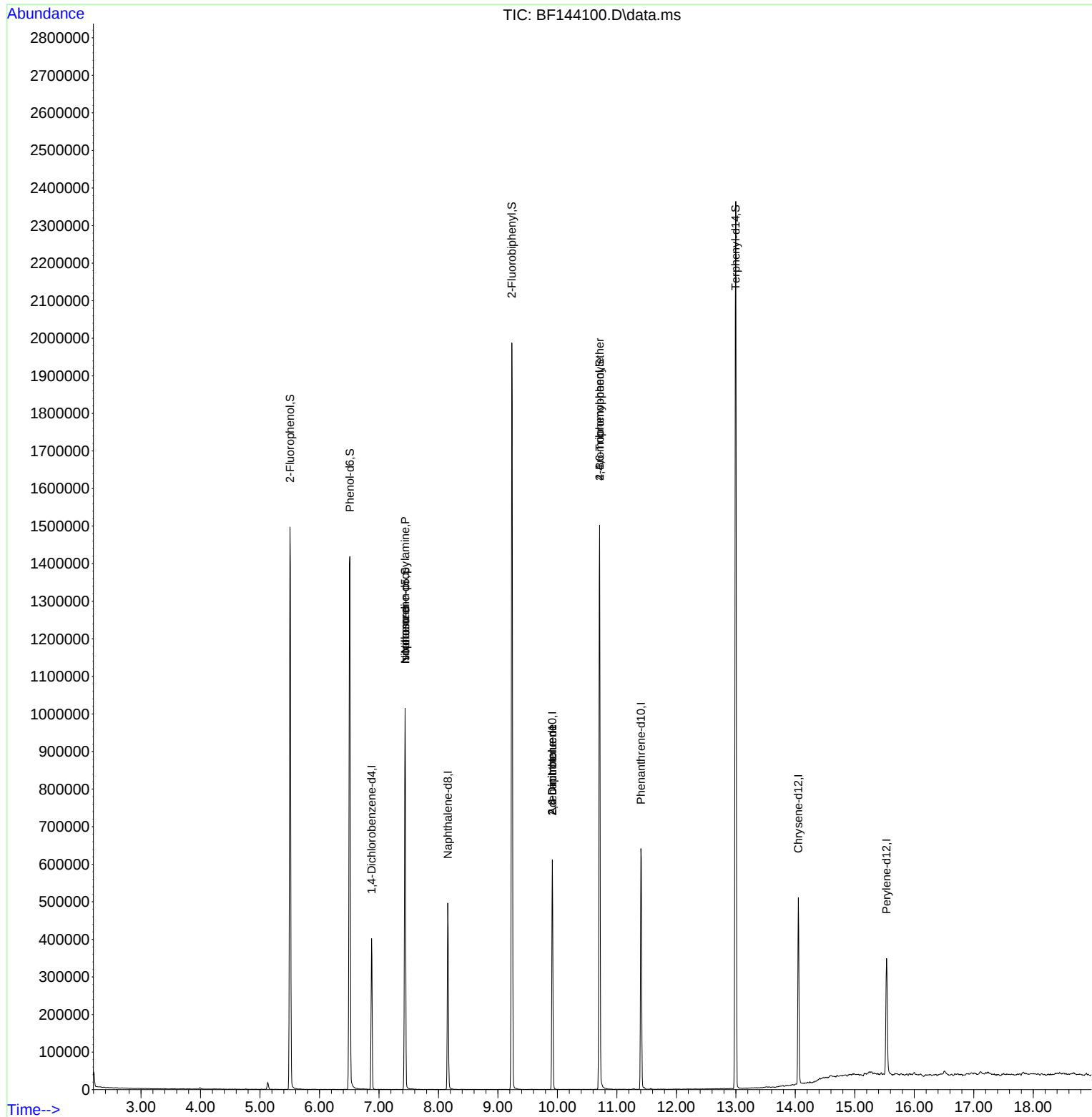
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	79772	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	323458	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	193664	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	371674	20.000	ng	0.00
76) Chrysene-d12	14.051	240	260643	20.000	ng	0.00
86) Perylene-d12	15.533	264	208326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556541	110.378	ng	0.01
7) Phenol-d6	6.510	99	640195	114.967	ng	0.00
23) Nitrobenzene-d5	7.439	82	436019	73.853	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	320711	130.005	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	953901	69.313	ng	0.00
79) Terphenyl-d14	12.998	244	1292360	86.683	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	67380	18.712	ng	# 73
25) Isophorone	7.439	82	436013	42.242	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	24923	9.931	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	24923	7.358	ng	# 25
67) 4-Bromophenyl-phenylether	10.710	248	17042	3.662	ng	# 1

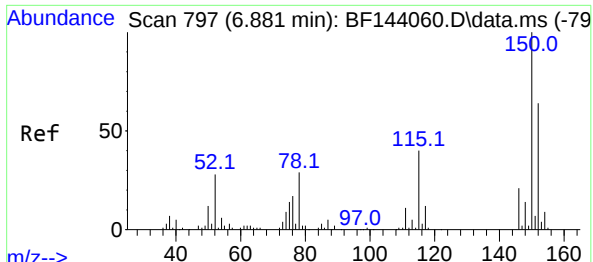
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
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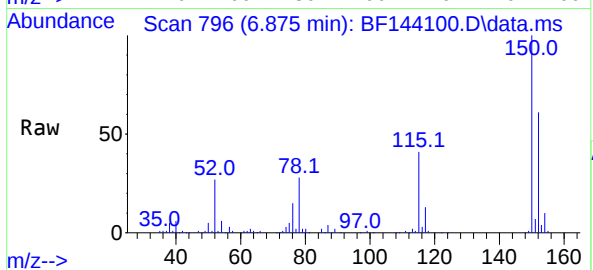
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



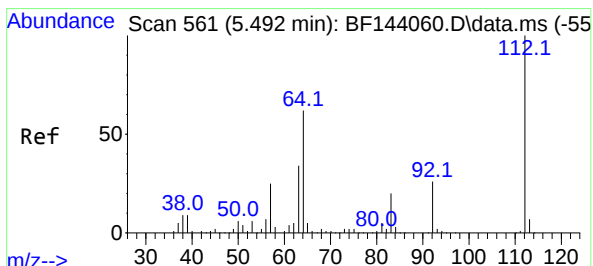
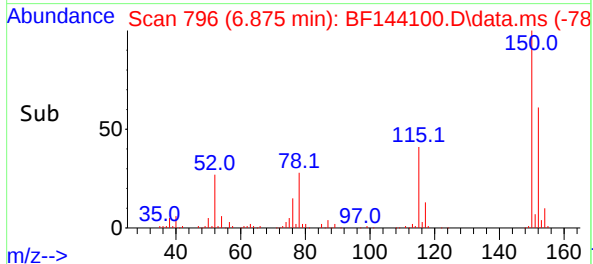
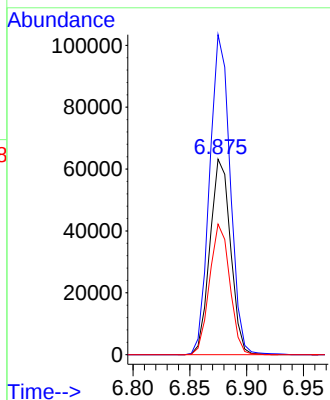


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Instrument :
BNA_F
ClientSampleId :
PB170202TB

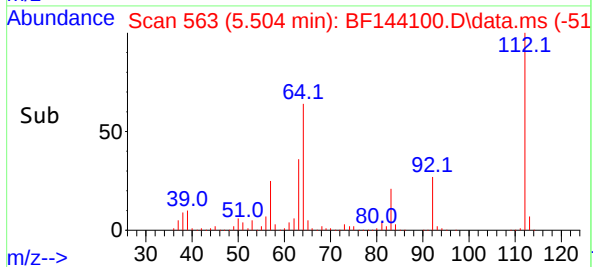
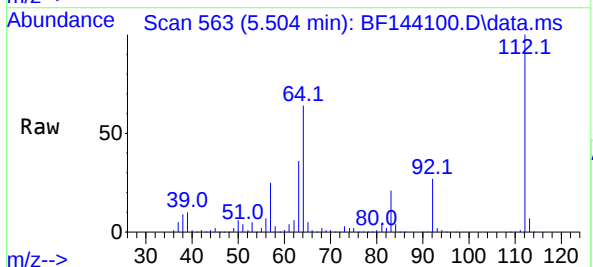
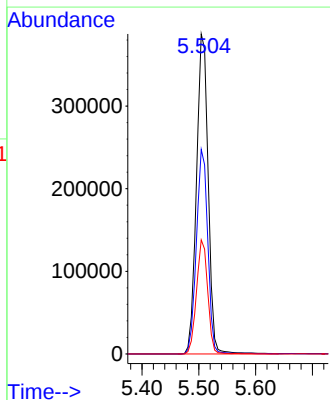


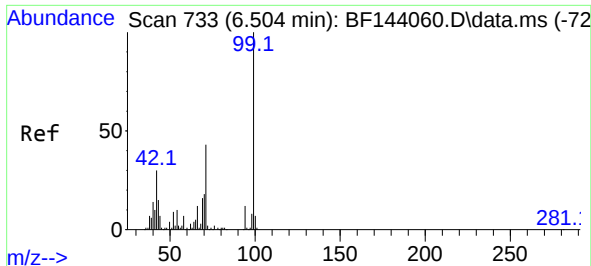
Tgt Ion:152 Resp: 79772
Ion Ratio Lower Upper
152 100
150 163.6 124.4 186.6
115 66.8 49.4 74.0



#5
2-Fluorophenol
Concen: 110.378 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:112 Resp: 556541
Ion Ratio Lower Upper
112 100
64 63.9 49.8 74.8
63 35.6 27.4 41.2

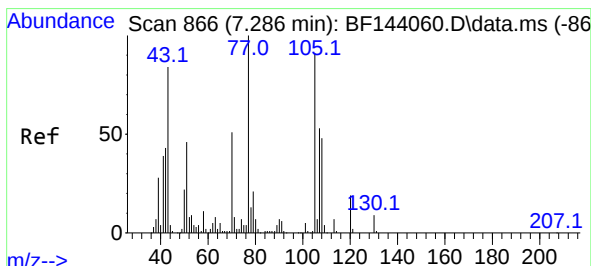
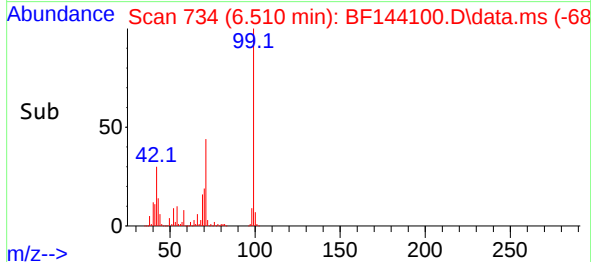
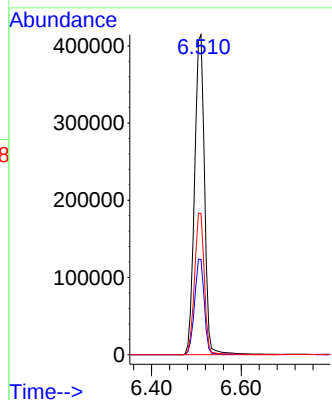
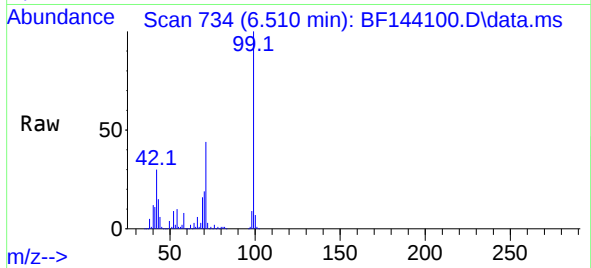




#7
Phenol-d6
Concen: 114.967 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

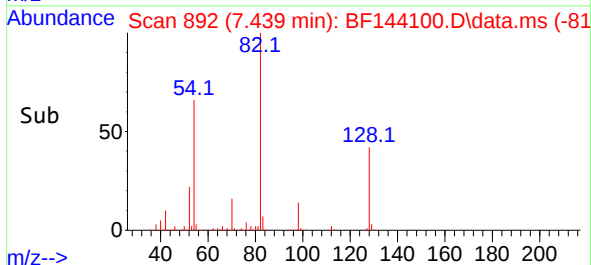
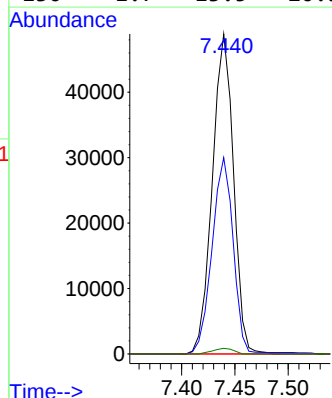
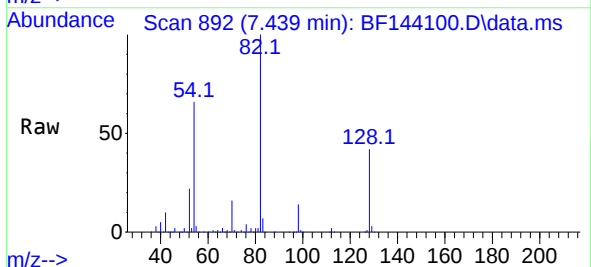
Instrument :
BNA_F
ClientSampleId :
PB170202TB

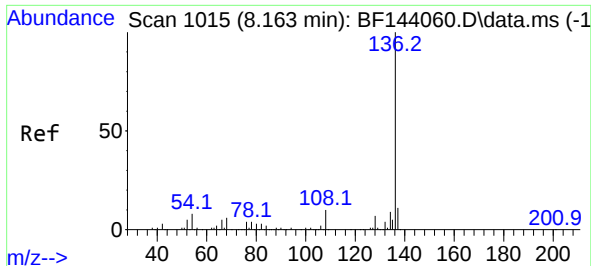
Tgt Ion: 99 Resp: 640195
Ion Ratio Lower Upper
99 100
42 29.8 23.9 35.9
71 44.2 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.712 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion: 70 Resp: 67380
Ion Ratio Lower Upper
70 100
42 61.4 67.4 101.0#
101 0.0 7.1 10.7#
130 1.7 13.5 20.3#



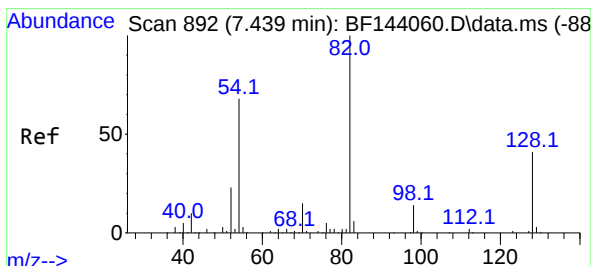
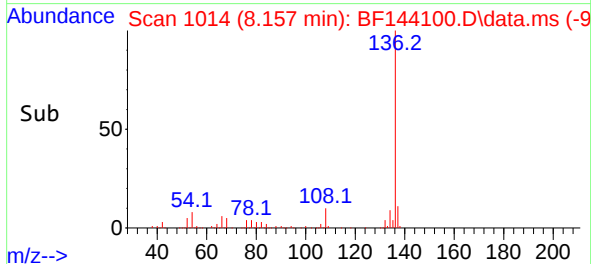
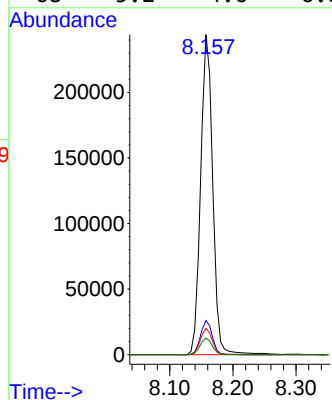
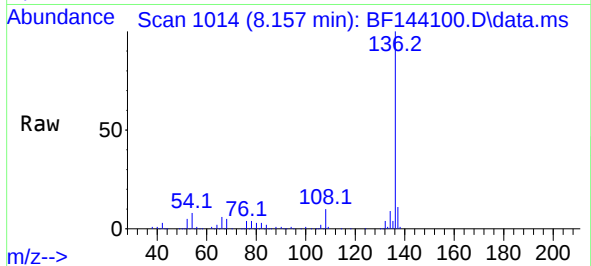


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Instrument :
BNA_F
ClientSampleId :
PB170202TB

Tgt Ion:136 Resp: 323458

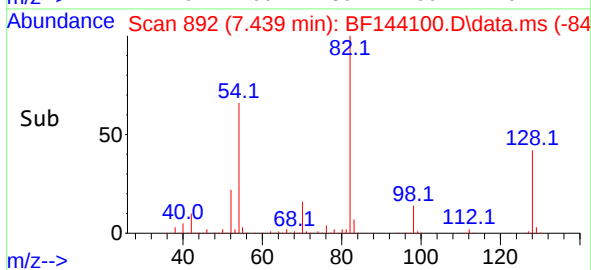
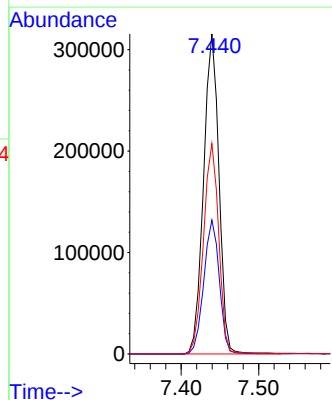
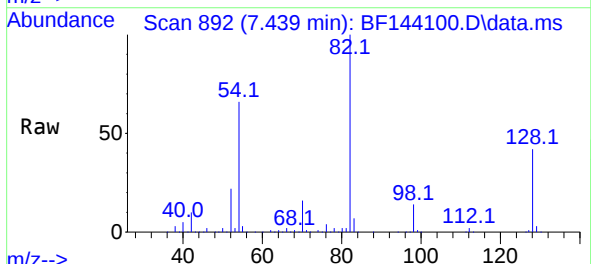
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	6.6	9.8
68	5.2	4.6	6.8

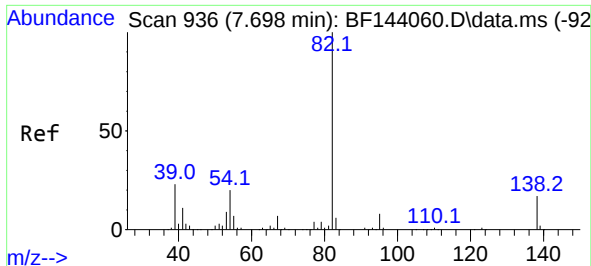


#23
Nitrobenzene-d5
Concen: 73.853 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion: 82 Resp: 436019

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.4	48.6
54	65.7	54.0	81.0

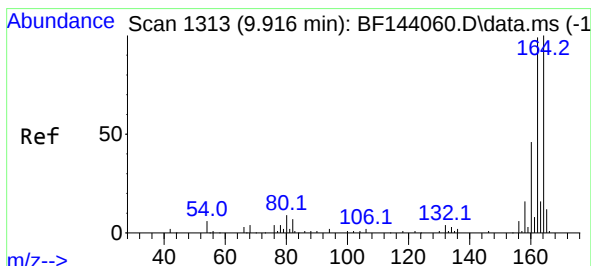
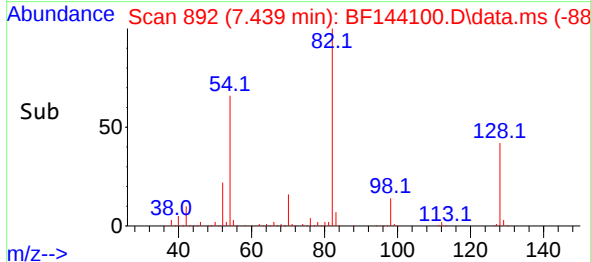
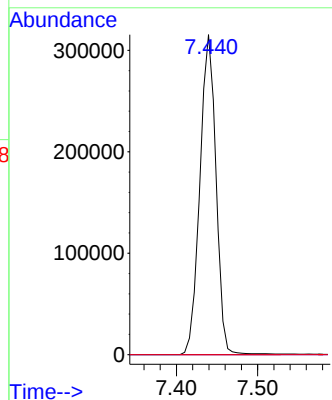
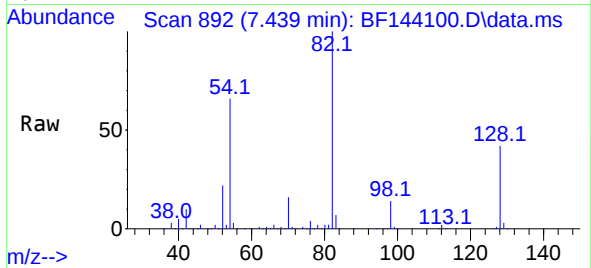




#25
Isophorone
Concen: 42.242 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.259 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

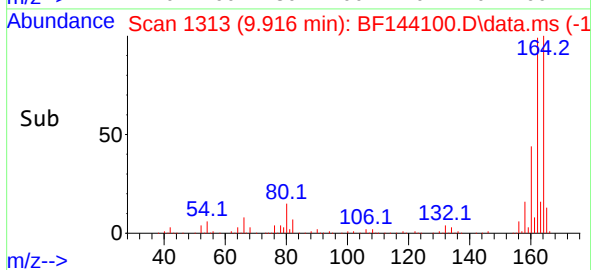
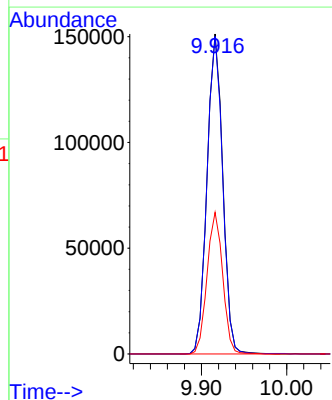
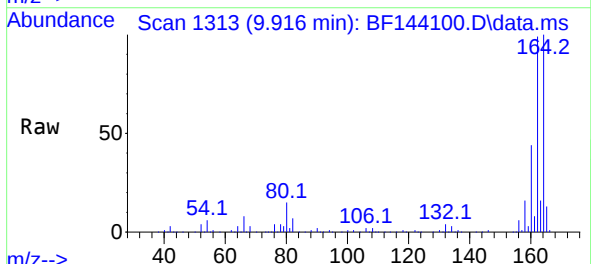
Instrument :
BNA_F
ClientSampleId :
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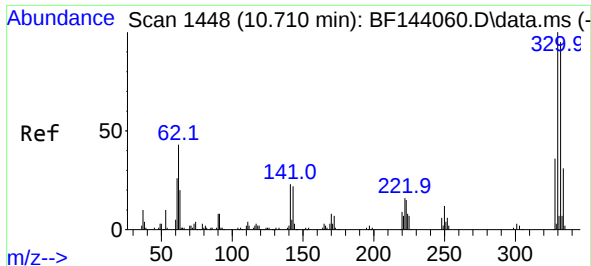
Tgt Ion: 82 Resp: 436013
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

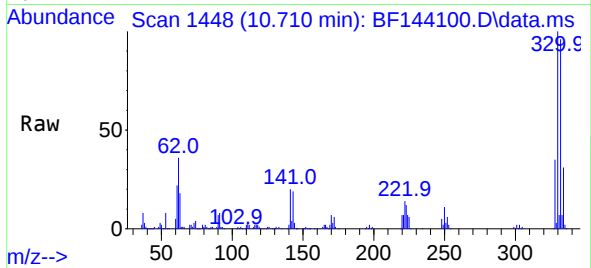
Tgt Ion:164 Resp: 193664
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 44.3 36.7 55.1



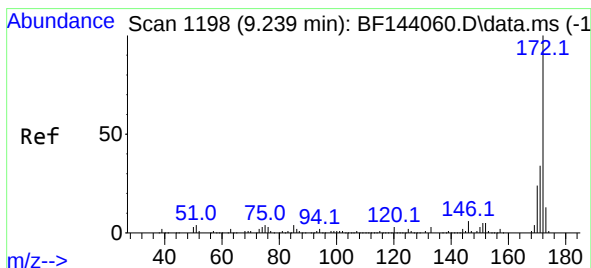
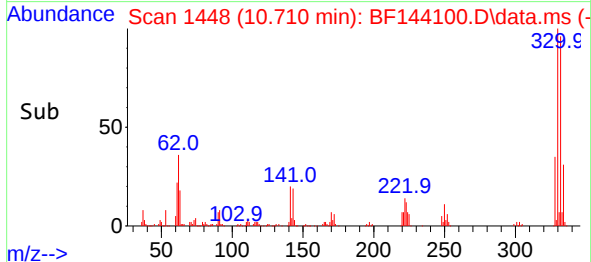
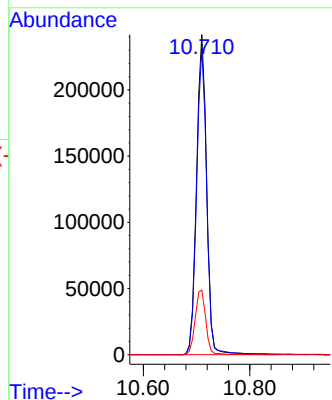


#42
2,4,6-Tribromophenol
Concen: 130.005 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Instrument :
BNA_F
ClientSampleId :
PB170202TB

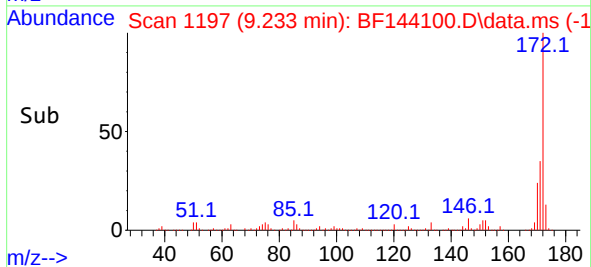
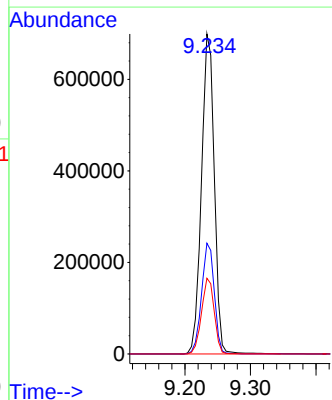
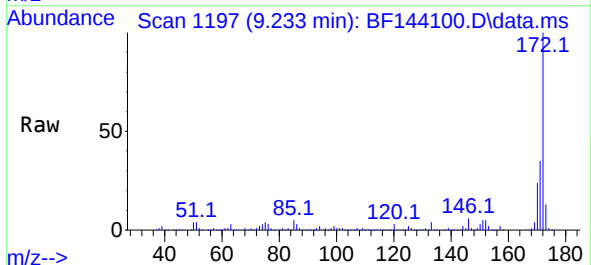


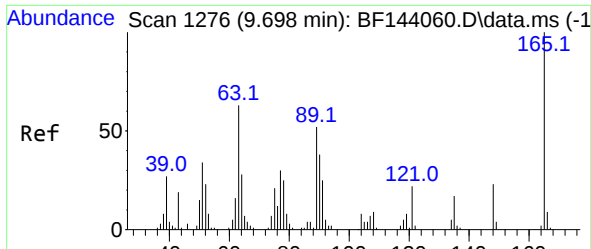
Tgt Ion:330 Resp: 320711
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 21.1 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 69.313 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:172 Resp: 953901
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.6 19.0 28.6

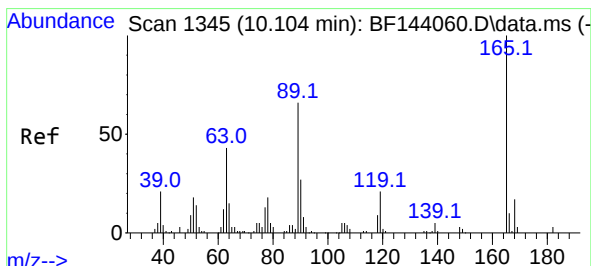
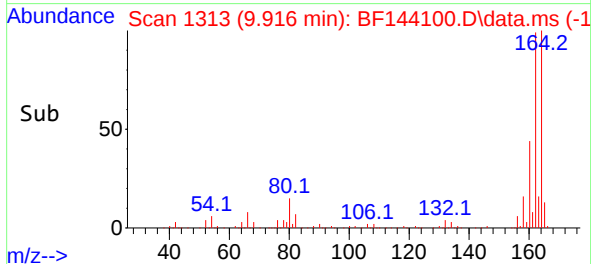
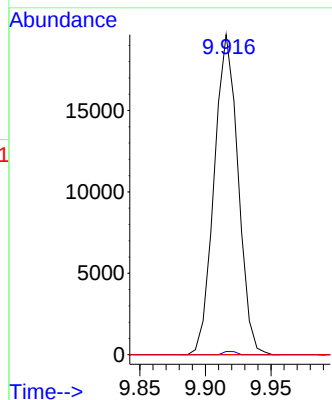
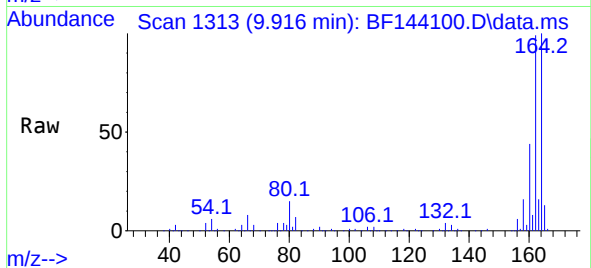




#51
2,6-Dinitrotoluene
Concen: 9.931 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

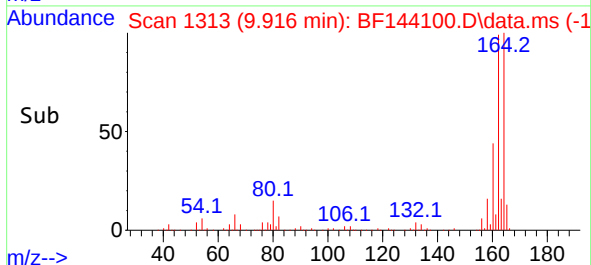
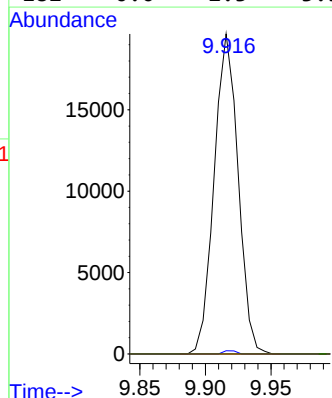
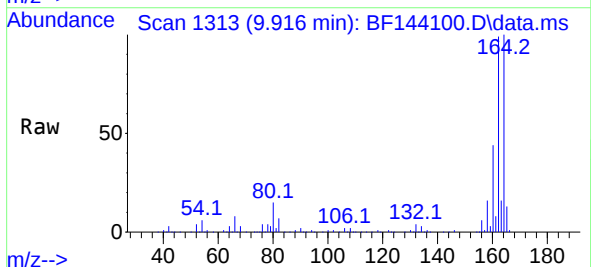
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BNA_F
ClientSampleId :
PB170202TB

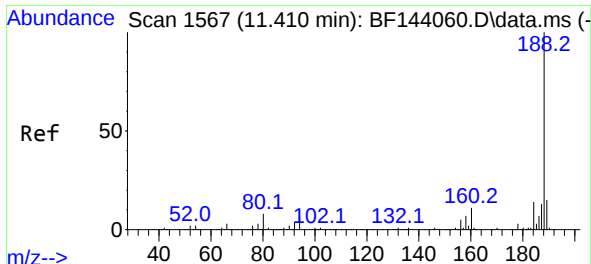
Tgt Ion:165 Resp: 24923
Ion Ratio Lower Upper
165 100
63 1.0 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.358 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:165 Resp: 24923
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#

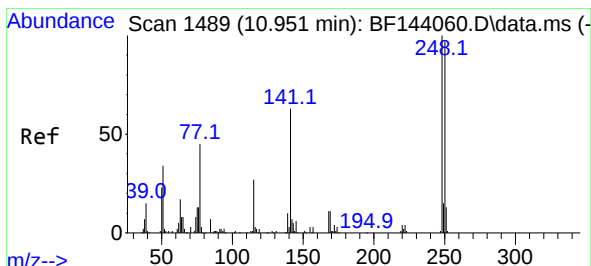
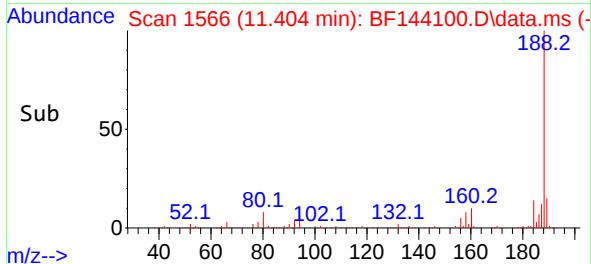
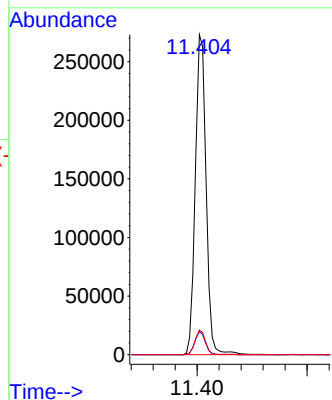
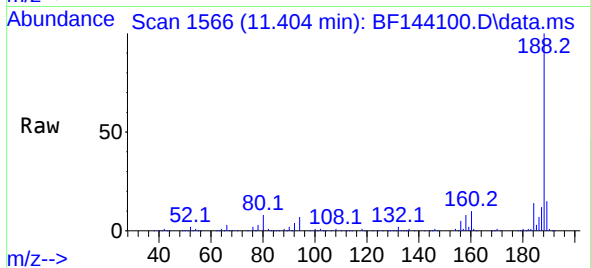




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

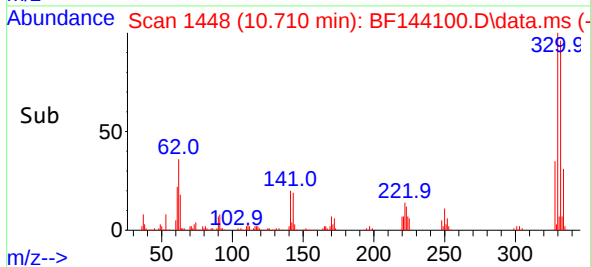
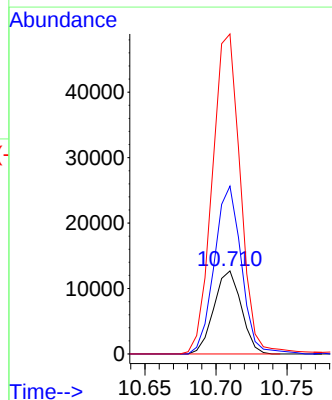
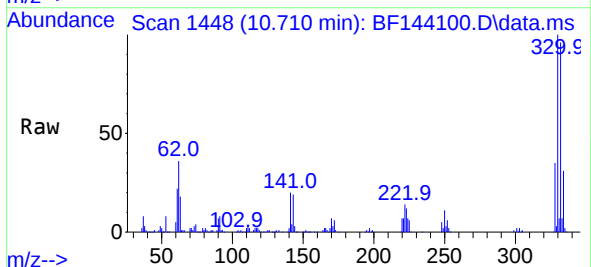
Instrument :
BNA_F
ClientSampleId :
PB170202TB

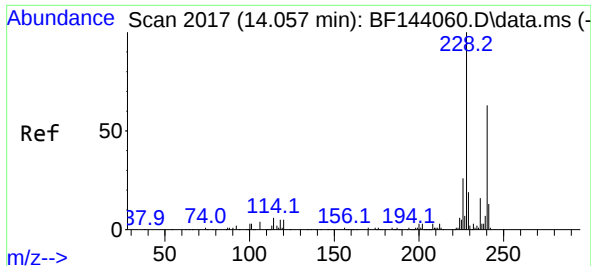
Tgt Ion:188 Resp: 371674
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 7.7 6.0 9.0



#67
4-Bromophenyl-phenylether
Concen: 3.662 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.241 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

Tgt Ion:248 Resp: 17042
Ion Ratio Lower Upper
248 100
250 201.9 77.8 116.6#
141 385.0 50.5 75.7#

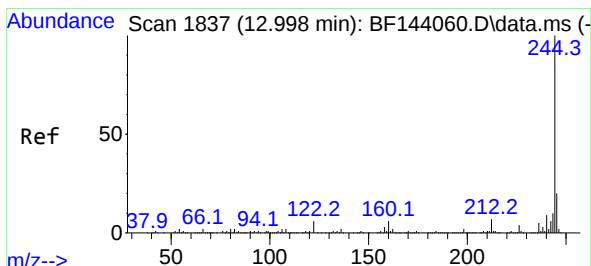
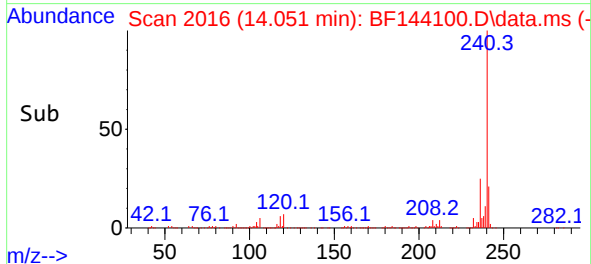
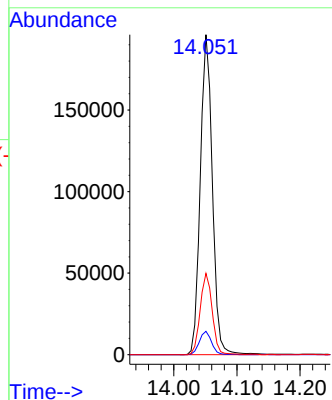
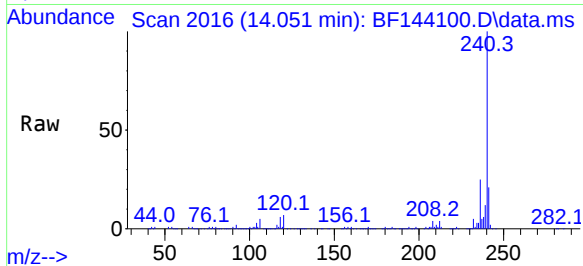




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

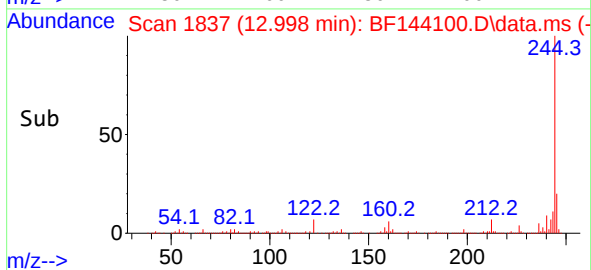
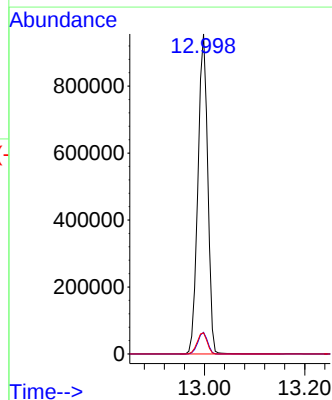
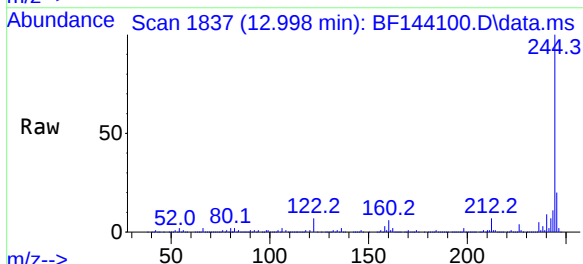
Instrument :
BNA_F
ClientSampleId :
PB170202TB

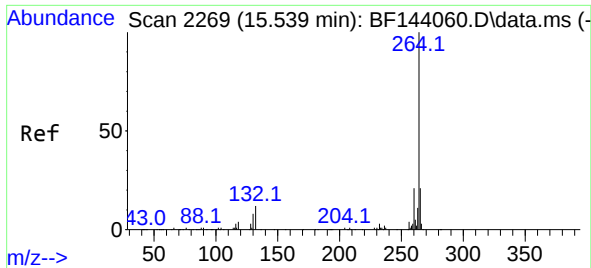
Tgt Ion:240 Resp: 260643
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.4 20.1 30.1



#79
Terphenyl-d14
Concen: 86.683 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144100.D
Acq: 28 Oct 2025 14:46

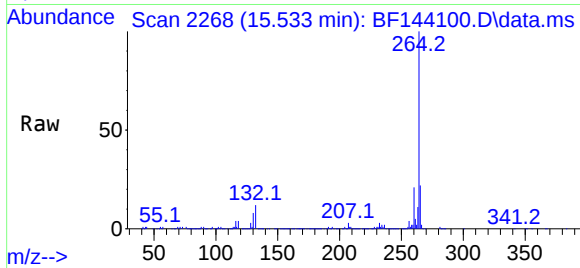
Tgt Ion:244 Resp: 1292360
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 6.6 4.9 7.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144100.D
 Acq: 28 Oct 2025 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB170202TB



Tgt Ion:264 Resp: 208326
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.0 25.4
 265 21.6 16.6 24.8

