

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144181.D
 Acq On : 06 Nov 2025 11:42
 Operator : RC/JU
 Sample : PB170402BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170402BL

Quant Time: Nov 06 12:02:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

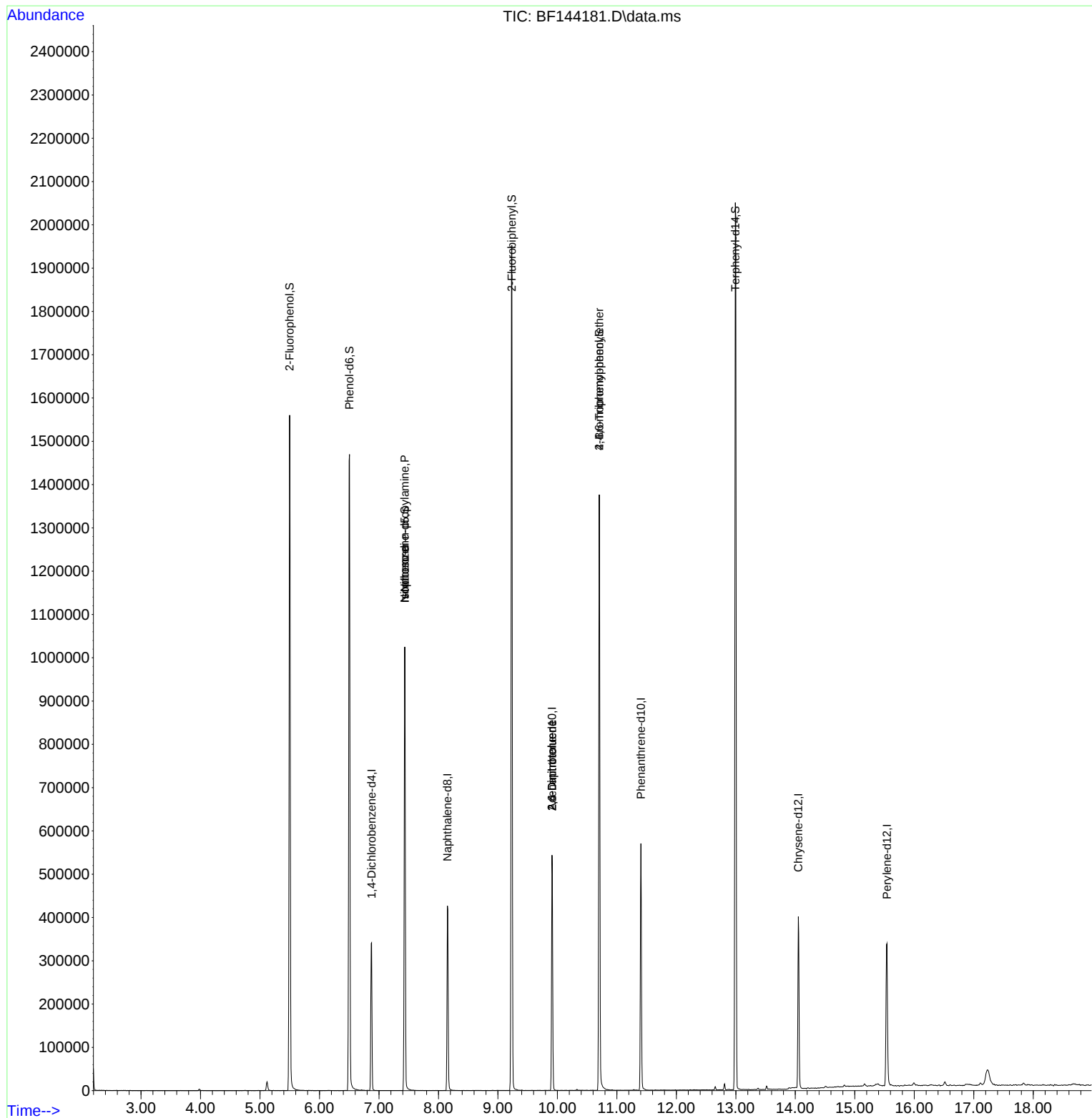
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75117	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	296419	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172354	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	322163	20.000	ng	0.00
76) Chrysene-d12	14.051	240	214752	20.000	ng	0.00
86) Perylene-d12	15.539	264	234974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	590161	122.945	ng	0.00
7) Phenol-d6	6.504	99	656910	120.778	ng	0.00
23) Nitrobenzene-d5	7.434	82	437936	85.329	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	293008	135.474	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	980811	84.048	ng	0.00
79) Terphenyl-d14	12.992	244	1153711	85.334	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	66219	18.494	ng	# 76
25) Isophorone	7.434	82	437932	45.111	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21634	9.360	ng	# 28
57) 2,4-Dinitrotoluene	9.910	165	21634	6.992	ng	# 29
67) 4-Bromophenyl-phenylether	10.704	248	16069	3.908	ng	# 1

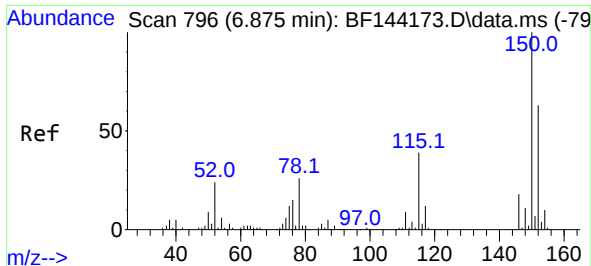
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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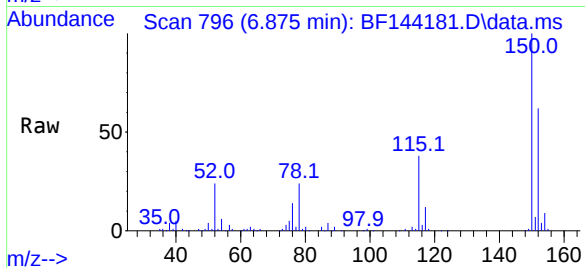
Quant Time: Nov 06 12:02:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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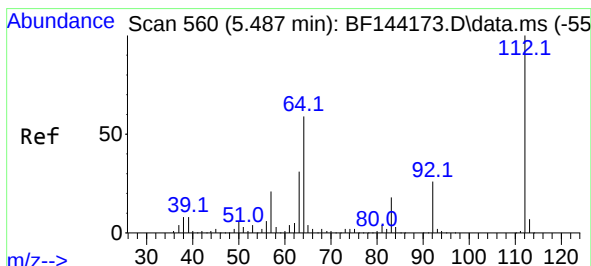
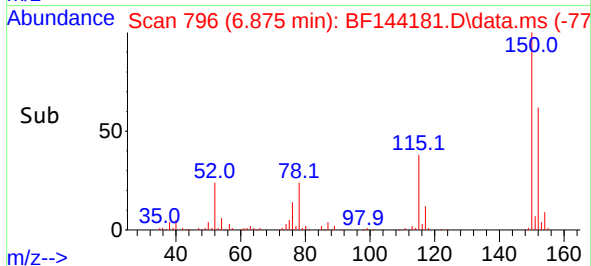
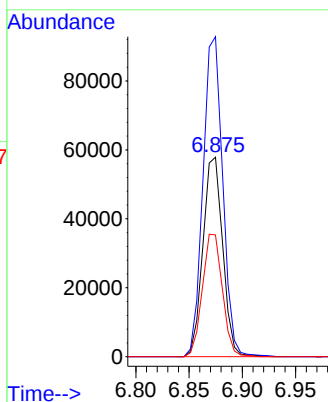


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB170402BL

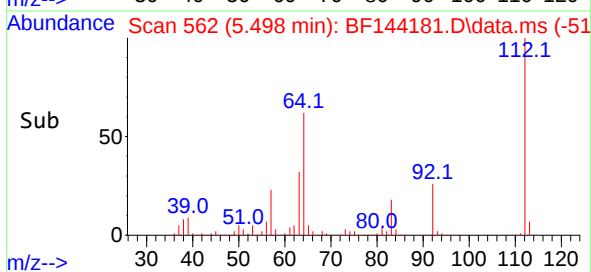
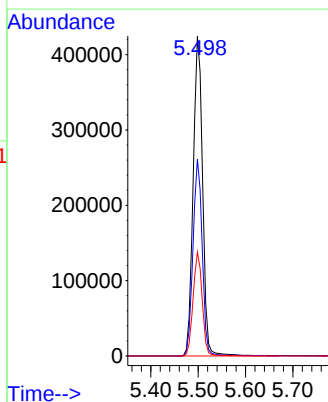
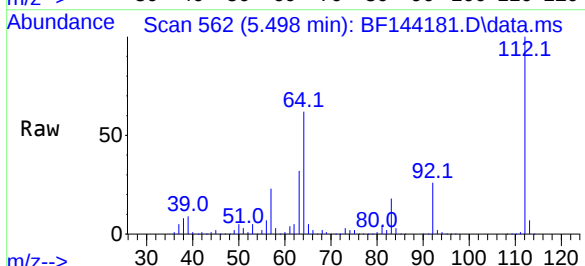


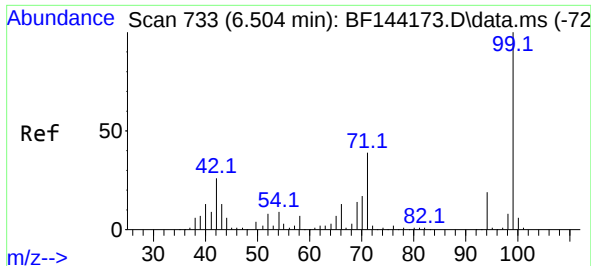
Tgt Ion:152 Resp: 75117
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.0
115 61.0 49.5 74.3



#5
2-Fluorophenol
Concen: 122.945 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:112 Resp: 590161
Ion Ratio Lower Upper
112 100
64 61.6 47.2 70.8
63 32.5 24.4 36.6

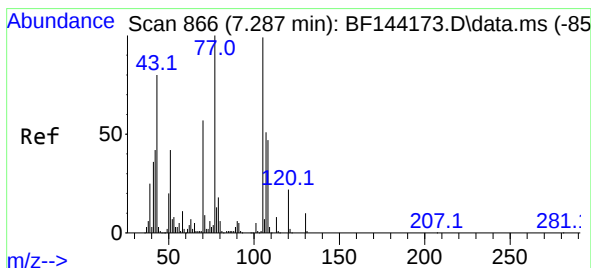
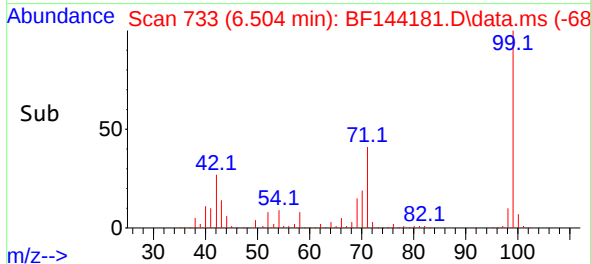
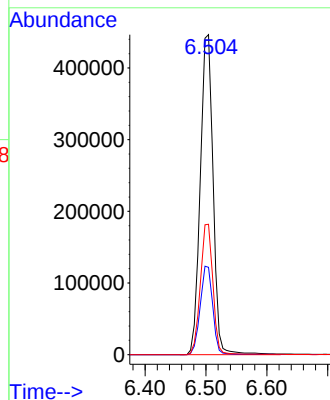
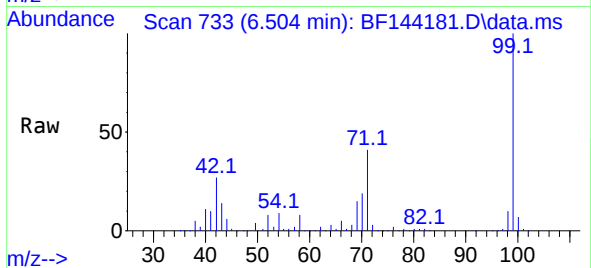




#7
Phenol-d6
Concen: 120.778 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

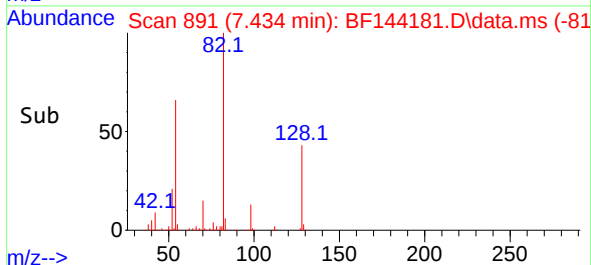
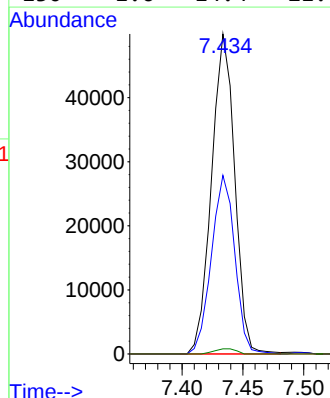
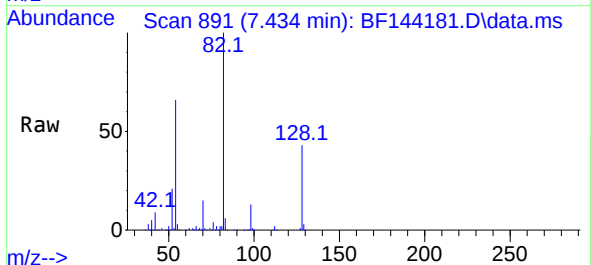
Instrument :
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ClientSampleId :
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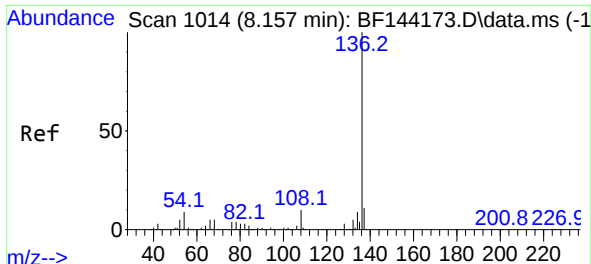
Tgt Ion: 99 Resp: 656910
Ion Ratio Lower Upper
99 100
42 27.3 20.9 31.3
71 40.8 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.494 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion: 70 Resp: 66219
Ion Ratio Lower Upper
70 100
42 55.8 58.3 87.5#
101 0.0 7.0 10.6#
130 1.6 14.4 21.6#

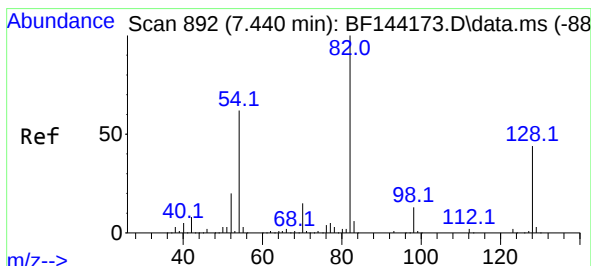
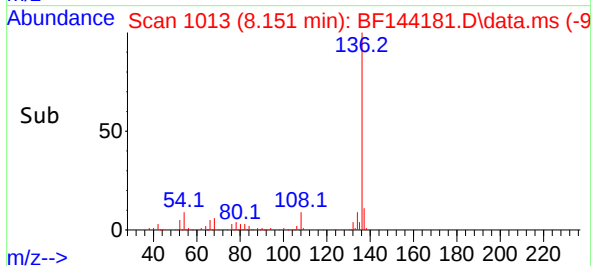
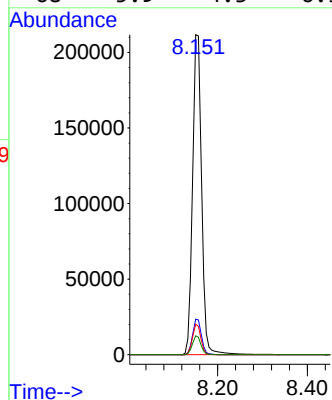
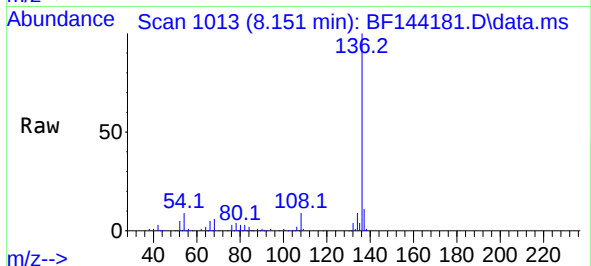




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

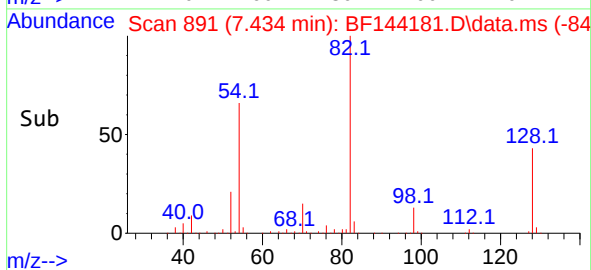
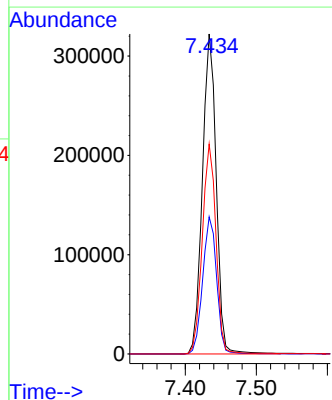
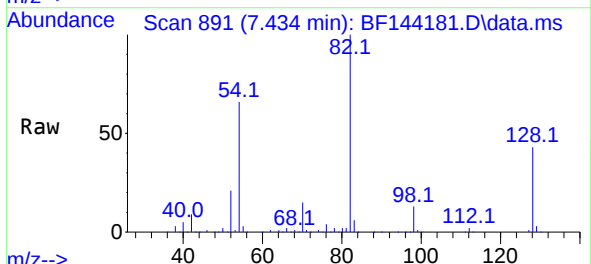
Instrument :
BNA_F
ClientSampleId :
PB170402BL

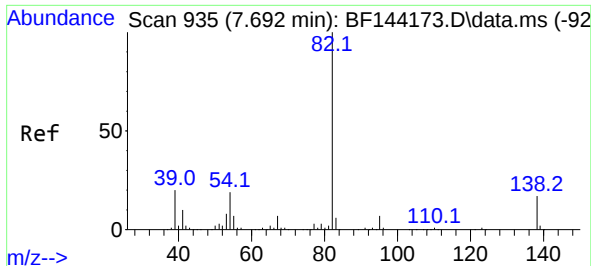
Tgt Ion:136 Resp: 296419
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.0 10.6
68 5.9 4.3 6.5



#23
Nitrobenzene-d5
Concen: 85.329 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion: 82 Resp: 437936
Ion Ratio Lower Upper
82 100
128 42.8 34.7 52.1
54 65.6 49.5 74.3

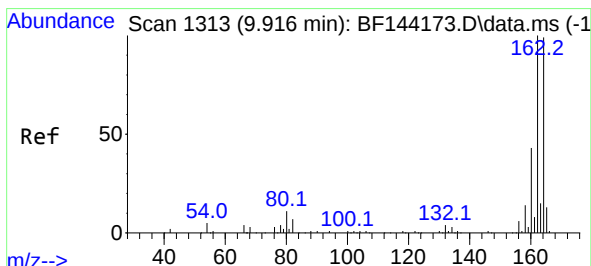
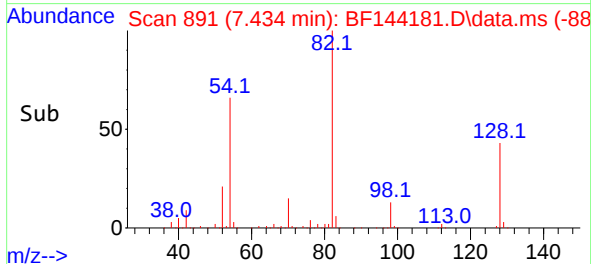
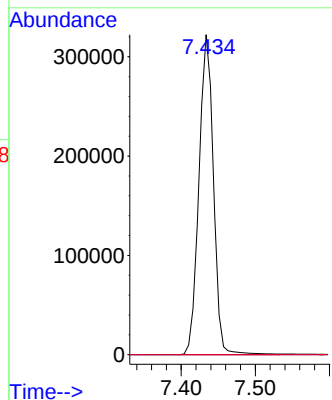
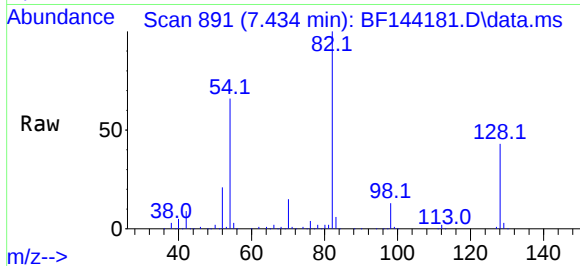




#25
Isophorone
Concen: 45.111 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.253 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

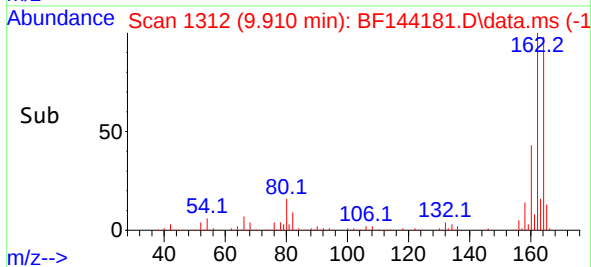
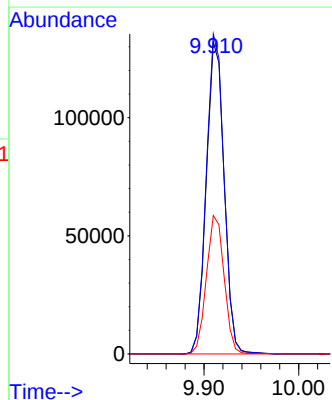
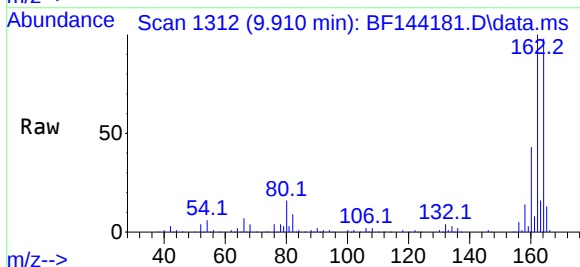
Instrument :
BNA_F
ClientSampleId :
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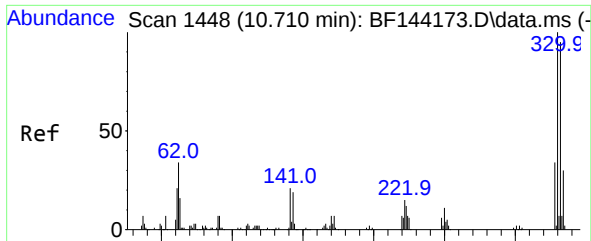
Tgt Ion: 82 Resp: 437932
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

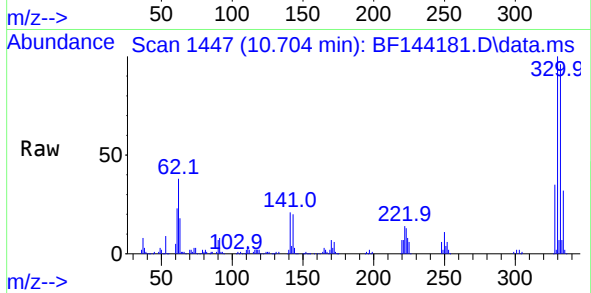
Tgt Ion:164 Resp: 172354
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 44.4 34.5 51.7



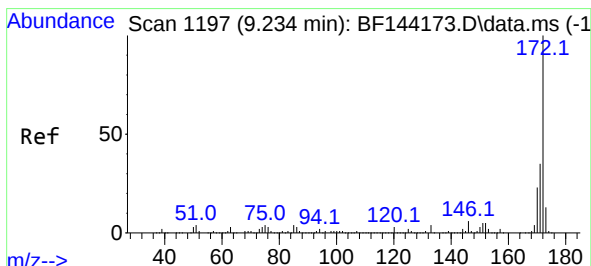
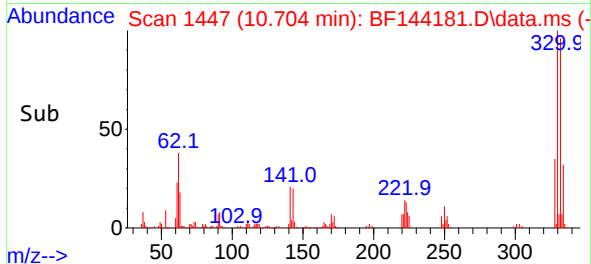
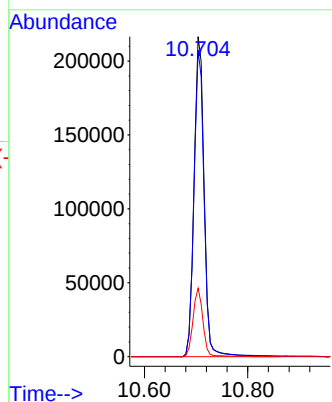


#42
2,4,6-Tribromophenol
Concen: 135.474 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB170402BL

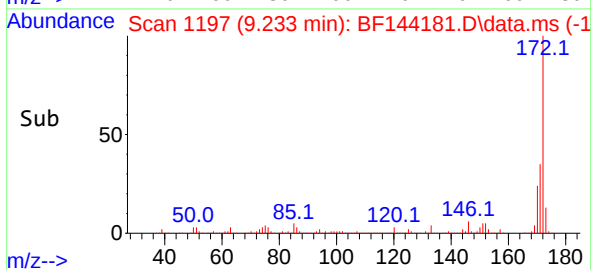
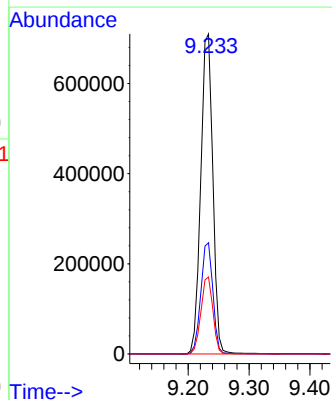
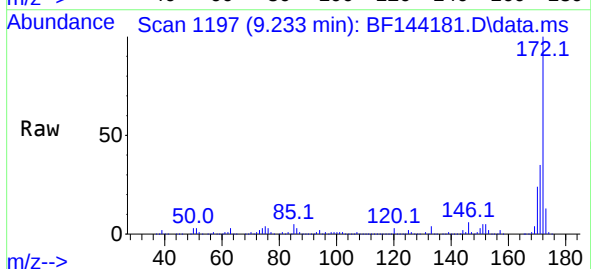


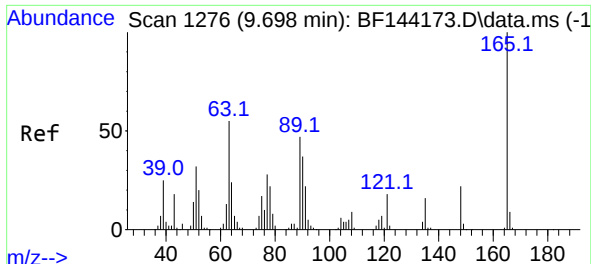
Tgt Ion:330 Resp: 293008
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 21.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 84.048 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:172 Resp: 980811
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.1 18.6 28.0

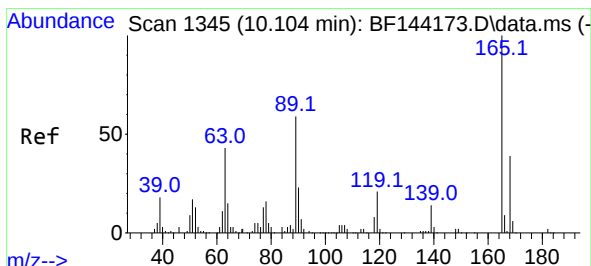
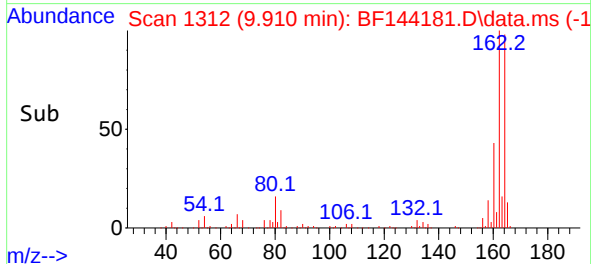
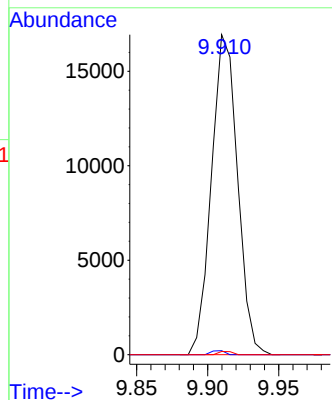
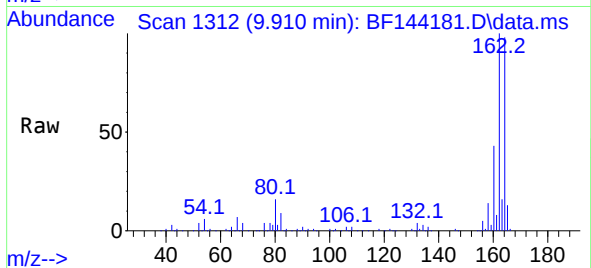




#51
2,6-Dinitrotoluene
Concen: 9.360 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

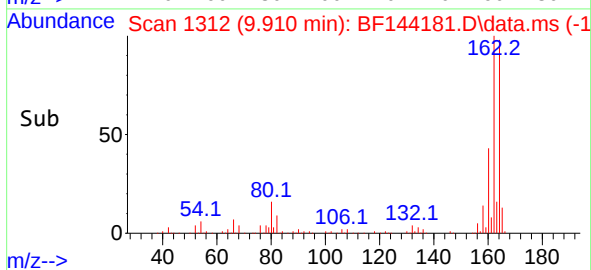
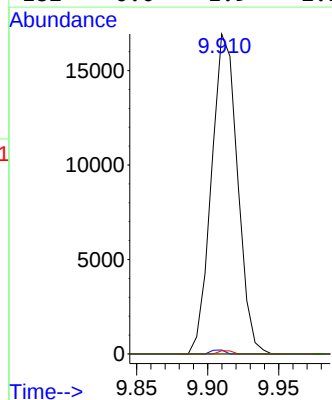
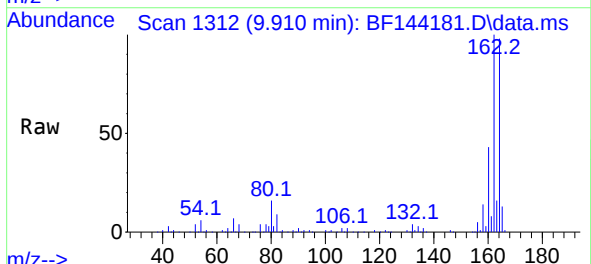
Instrument :
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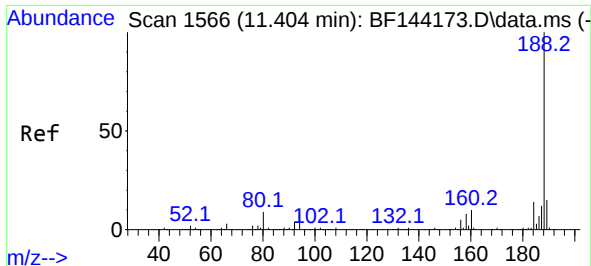
Tgt Ion:165 Resp: 21634
Ion Ratio Lower Upper
165 100
63 1.2 43.8 65.8#
89 1.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 6.992 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.188 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:165 Resp: 21634
Ion Ratio Lower Upper
165 100
63 1.2 35.5 53.3#
89 1.0 47.4 71.2#
182 0.0 1.9 2.9#

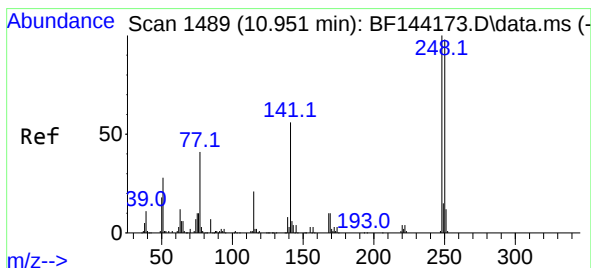
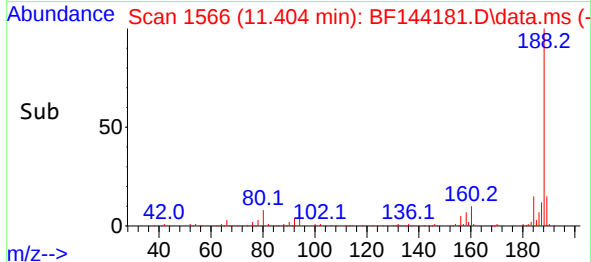
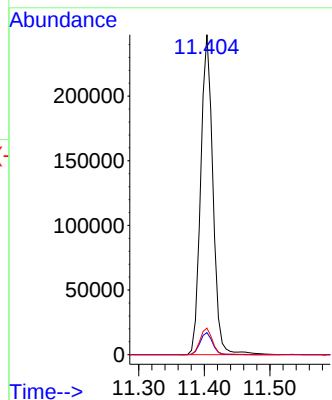
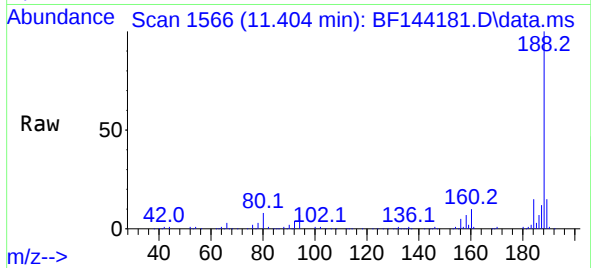




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

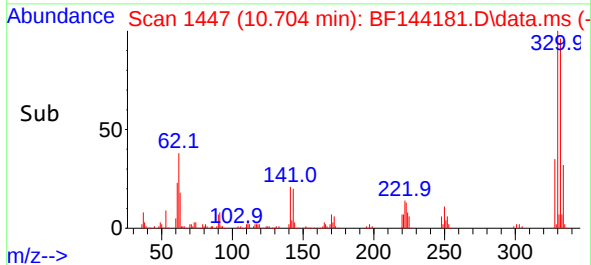
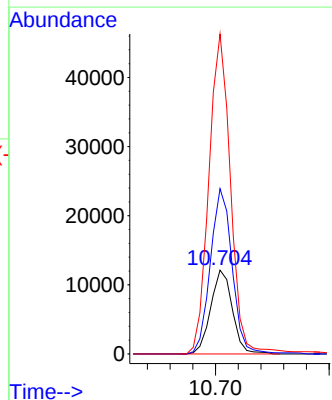
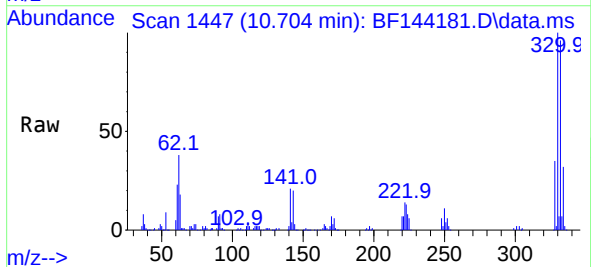
Instrument :
BNA_F
ClientSampleId :
PB170402BL

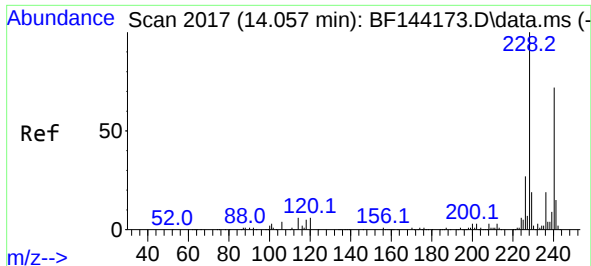
Tgt Ion:188 Resp: 322163
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.2
80 8.3 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.908 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:248 Resp: 16069
Ion Ratio Lower Upper
248 100
250 197.0 78.4 117.6#
141 381.6 45.1 67.7#

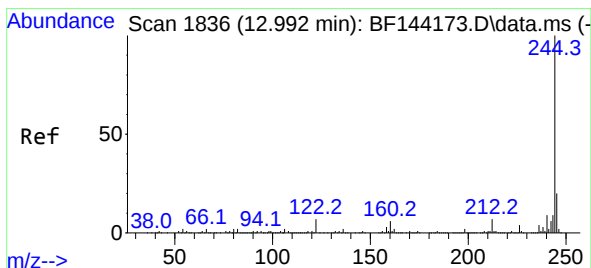
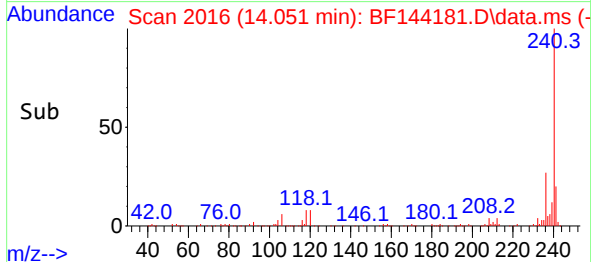
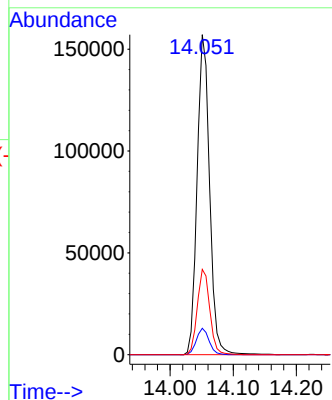
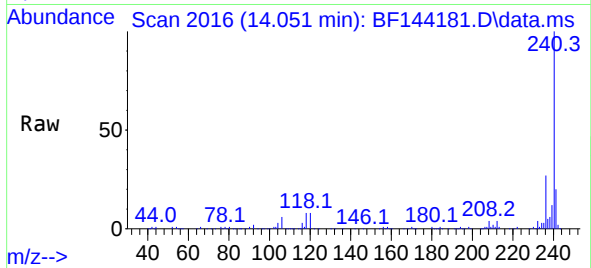




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

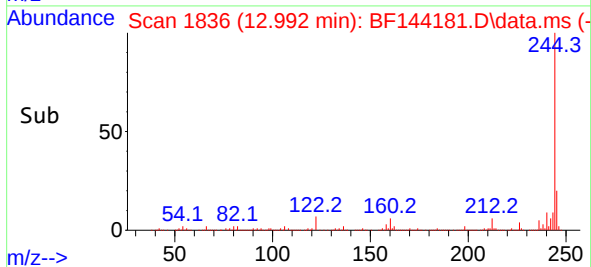
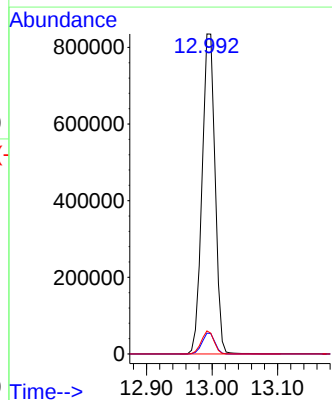
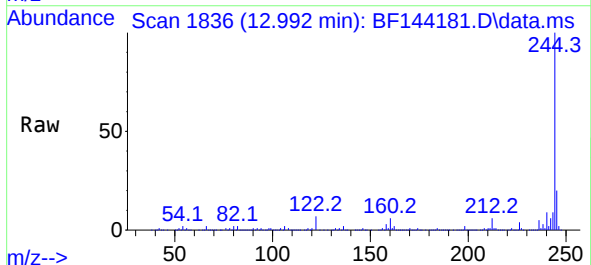
Instrument :
BNA_F
ClientSampleId :
PB170402BL

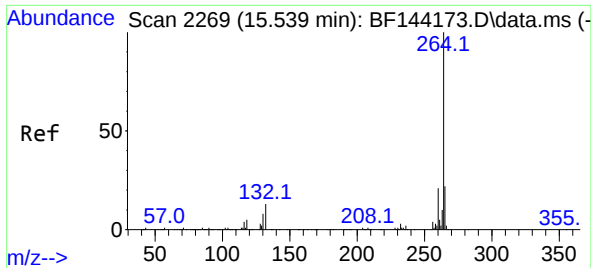
Tgt Ion:240 Resp: 214752
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 26.7 21.4 32.2



#79
Terphenyl-d14
Concen: 85.334 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Tgt Ion:244 Resp: 1153711
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 7.2 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144181.D
Acq: 06 Nov 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB170402BL

Tgt Ion:264 Resp: 234974
Ion Ratio Lower Upper
264 100
260 22.6 17.1 25.7
265 21.8 17.4 26.0

