

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141989.D
 Acq On : 18 Mar 2025 11:28
 Operator : RC/JU
 Sample : PB167133TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 11:55:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

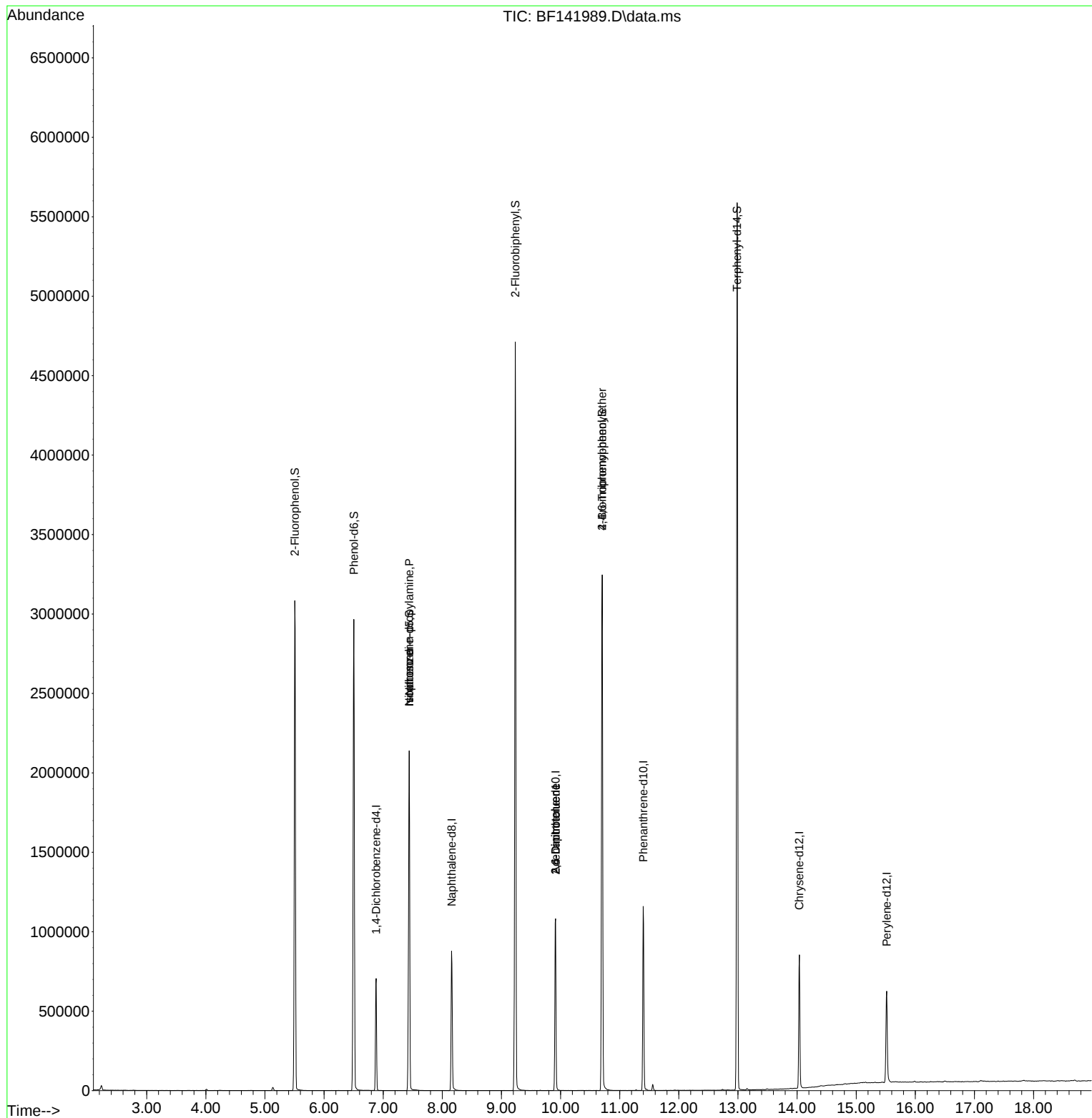
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	154147	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	600060	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	341484	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	613248	20.000	ng	0.00
76) Chrysene-d12	14.039	240	422319	20.000	ng	0.00
86) Perylene-d12	15.515	264	357882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1254647	135.841	ng	0.01
7) Phenol-d6	6.504	99	1541900	131.118	ng	0.00
23) Nitrobenzene-d5	7.439	82	1032327	96.816	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	633580	146.250	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2152833	95.877	ng	0.00
79) Terphenyl-d14	12.986	244	2832561	99.162	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.439	70	142289	18.831	ng	# 77
25) Isophorone	7.439	82	1022828	54.266	ng	# 64
51) 2,6-Dinitrotoluene	9.916	165	44791	8.996	ng	# 23
57) 2,4-Dinitrotoluene	9.916	165	44791	6.888	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	39019	5.066	ng	# 1

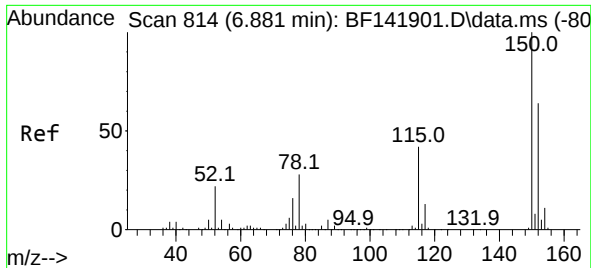
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
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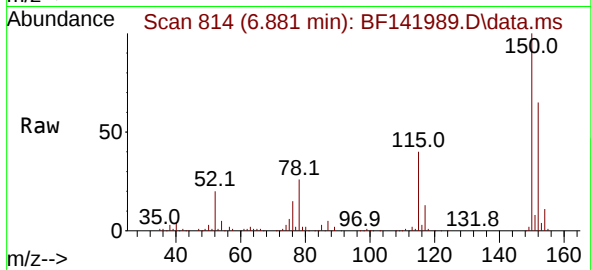
Quant Time: Mar 18 11:55:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



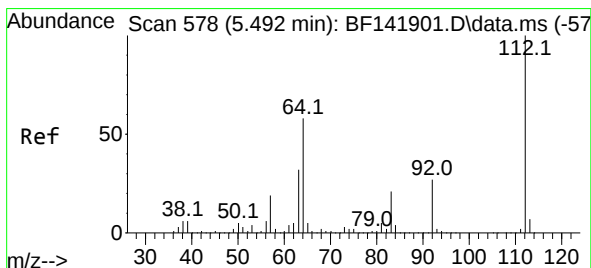
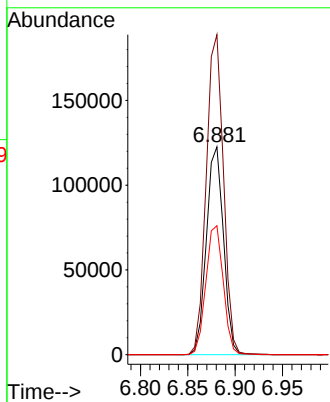
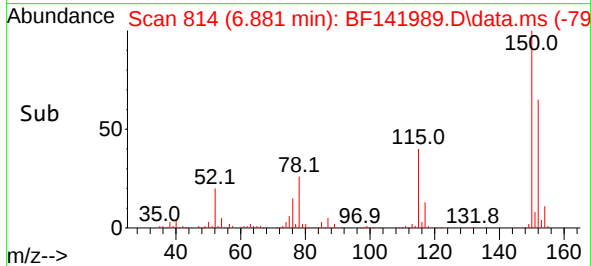


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

Instrument :
BNA_F
ClientSampleId :

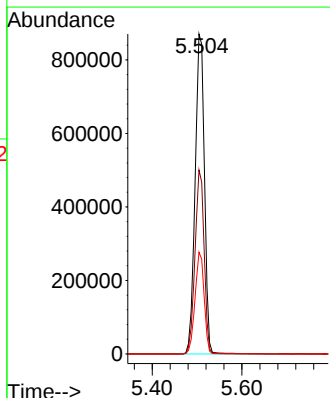
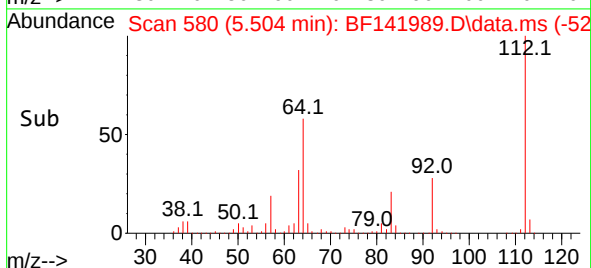
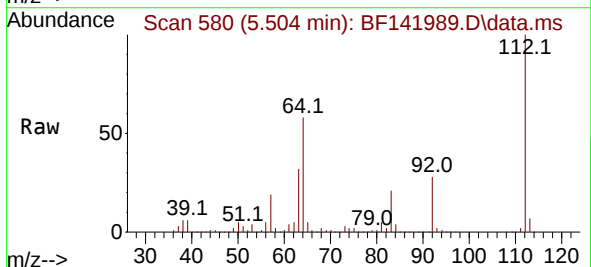


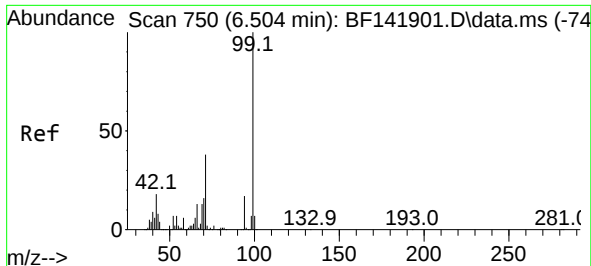
Tgt Ion:152 Resp: 154147
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.2
115 62.1 51.9 77.9



#5
2-Fluorophenol
Concen: 135.841 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

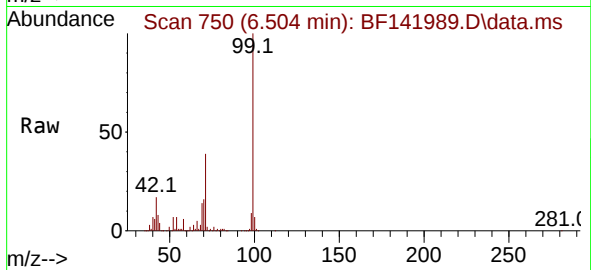
Tgt Ion:112 Resp: 1254647
Ion Ratio Lower Upper
112 100
64 57.5 46.5 69.7
63 31.8 25.4 38.2



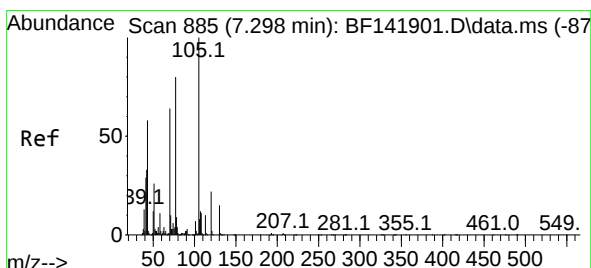
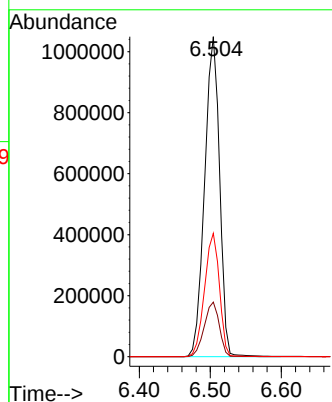
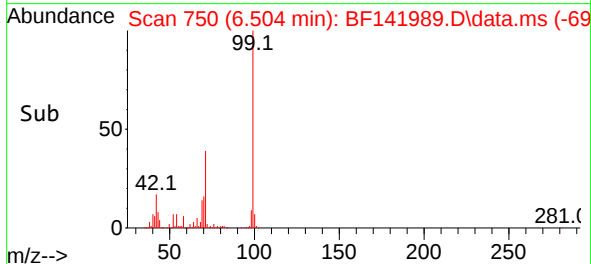


#7
Phenol-d6
Concen: 131.118 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

Instrument :
BNA_F
ClientSampleId :

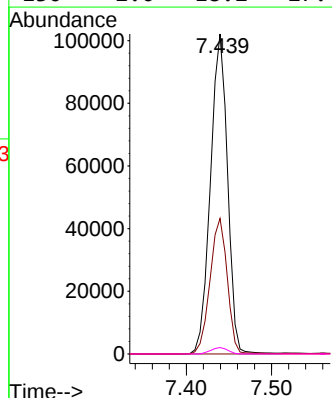
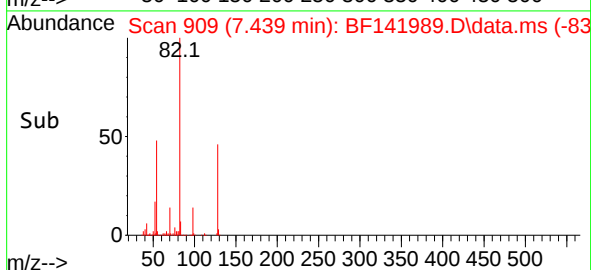
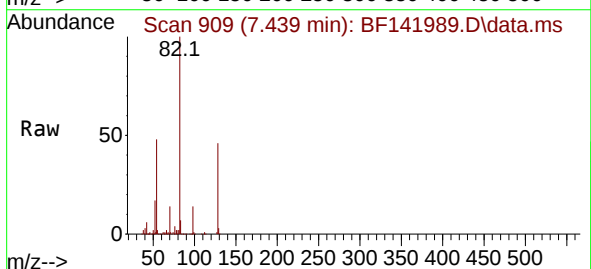


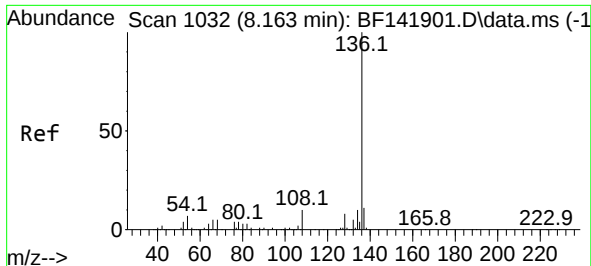
Tgt Ion: 99 Resp: 1541900
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.6 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.831 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

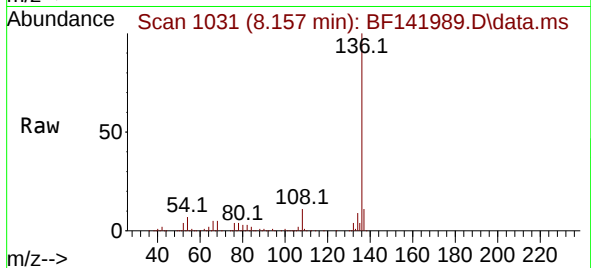
Tgt Ion: 70 Resp: 142289
Ion Ratio Lower Upper
70 100
42 42.4 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



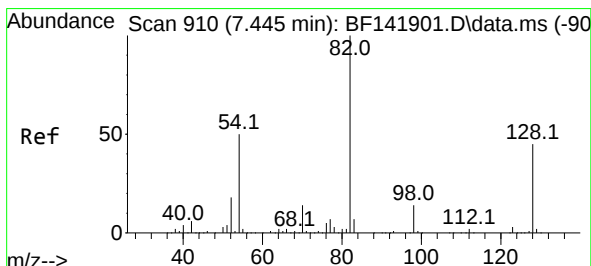
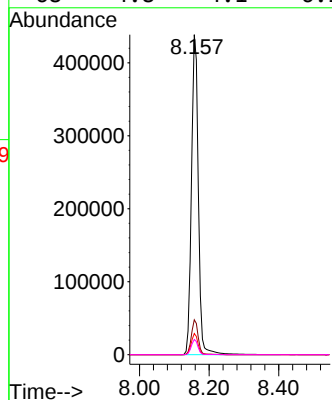
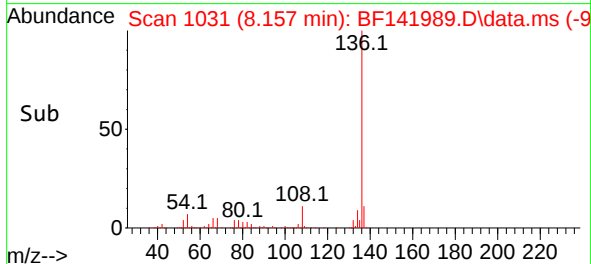


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

Instrument :
BNA_F
ClientSampleId :

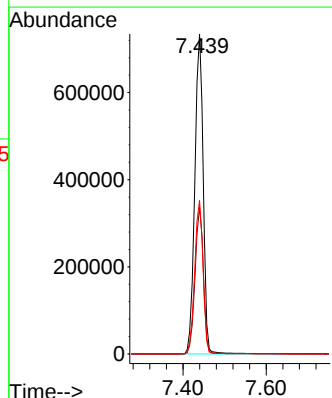
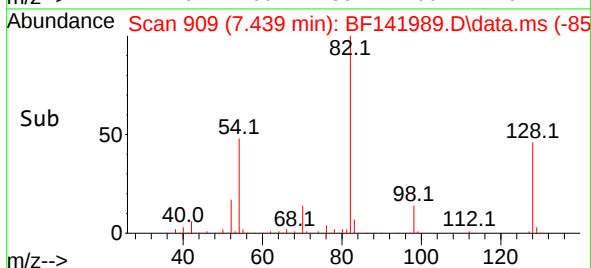
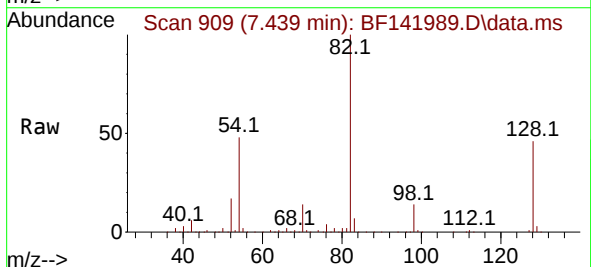


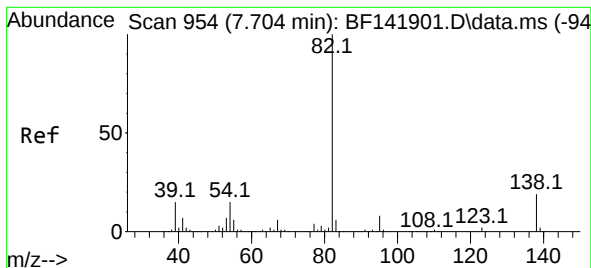
Tgt Ion:136 Resp: 600060
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 96.816 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

Tgt Ion: 82 Resp: 1032327
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 48.0 39.6 59.4





#25

Isophorone

Concen: 54.266 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

Instrument :

BNA_F

ClientSampleId :

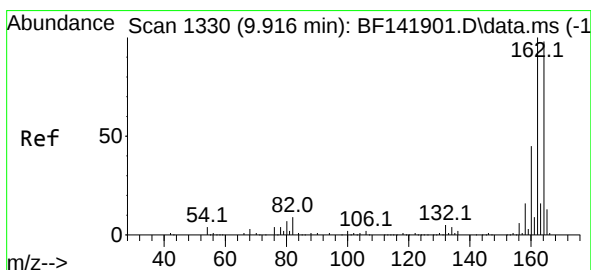
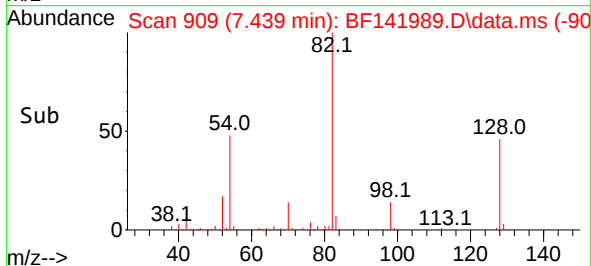
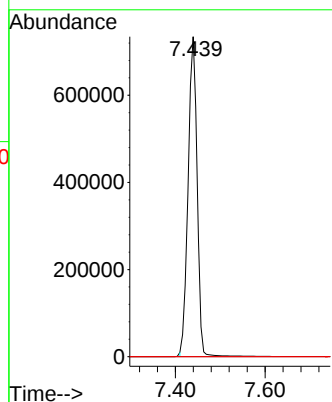
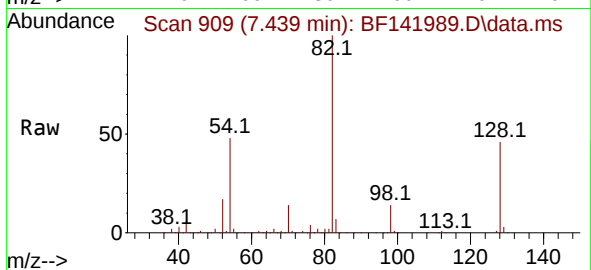
Tgt Ion: 82 Resp: 1022828

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 14.9 22.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

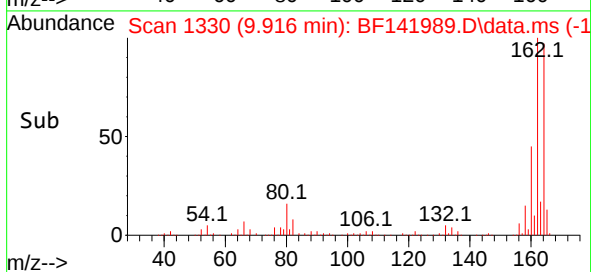
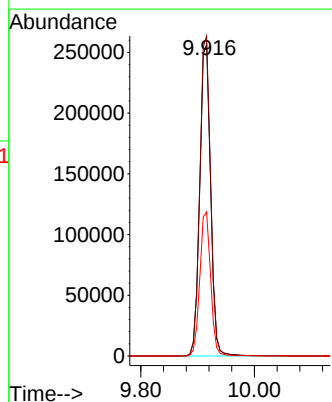
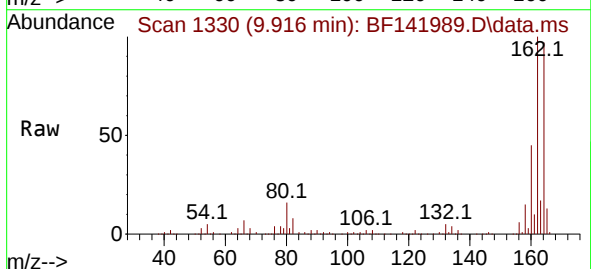
Tgt Ion:164 Resp: 341484

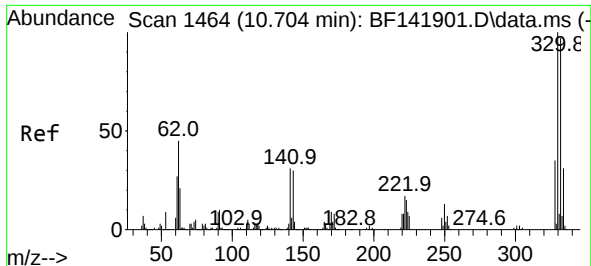
Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 146.250 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

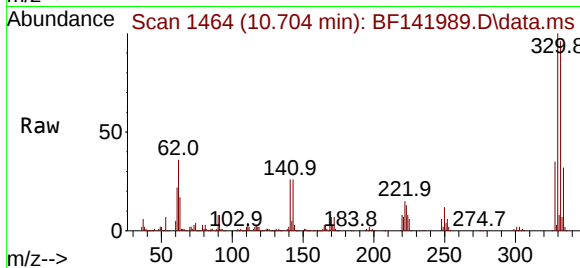
Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

Instrument :

BNA_F

ClientSampleId :



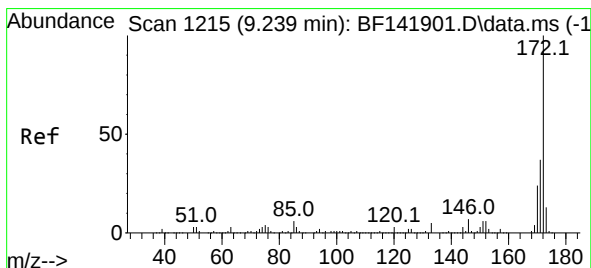
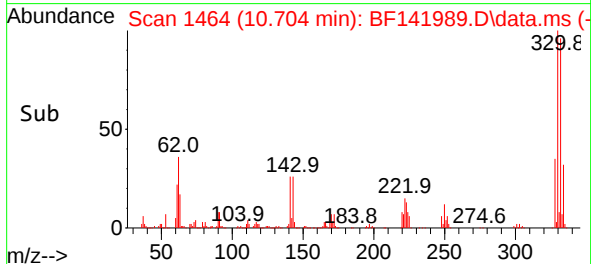
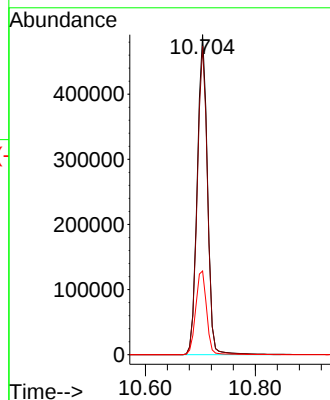
Tgt Ion:330 Resp: 633580

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 27.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 95.877 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

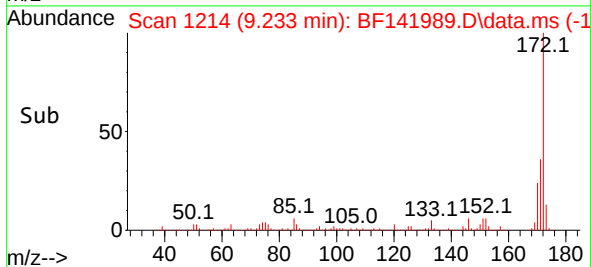
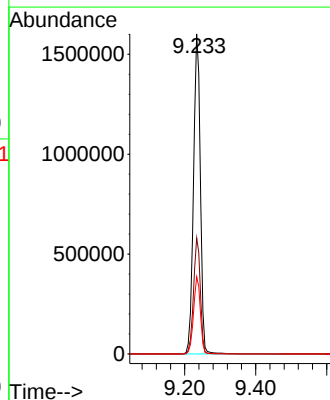
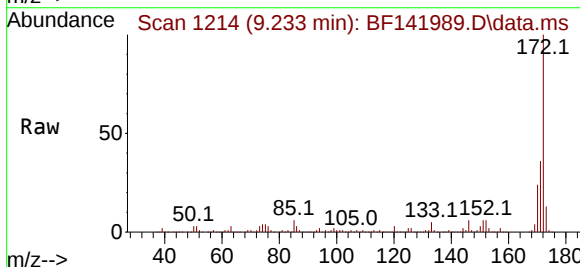
Tgt Ion:172 Resp: 2152833

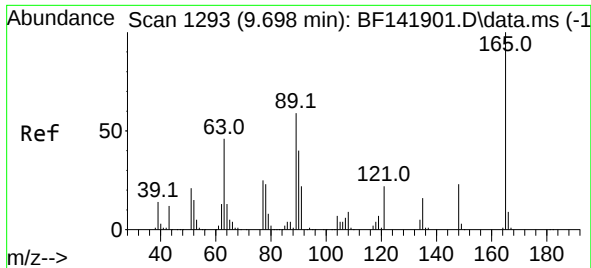
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 24.1 19.4 29.0

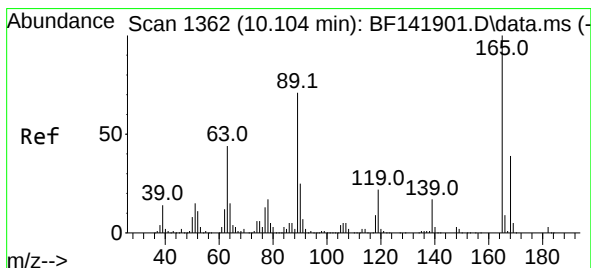
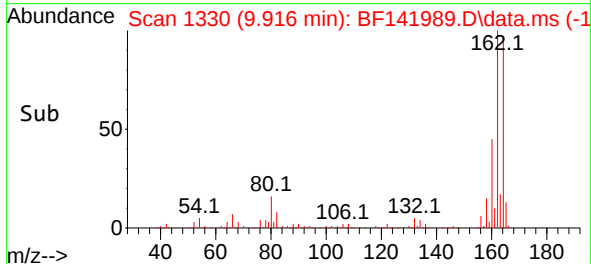
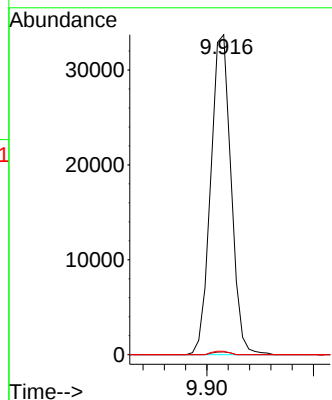
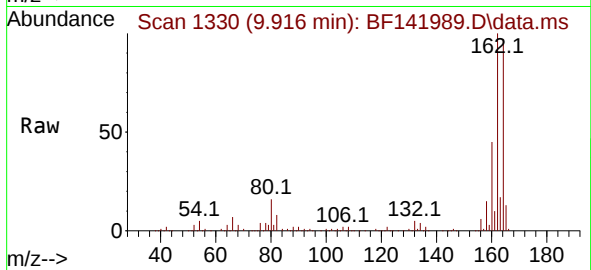




#51
2,6-Dinitrotoluene
Concen: 8.996 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

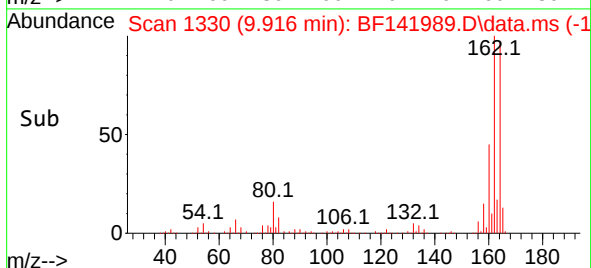
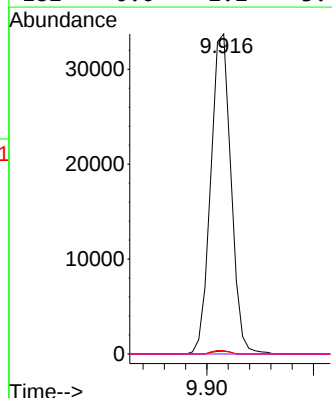
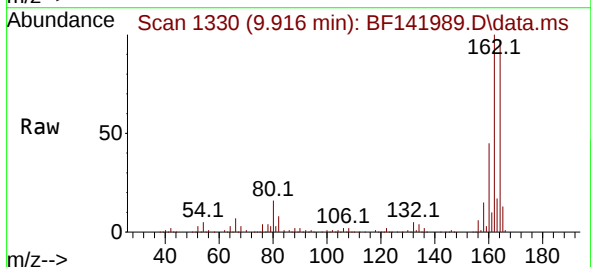
Instrument :
BNA_F
ClientSampleId :

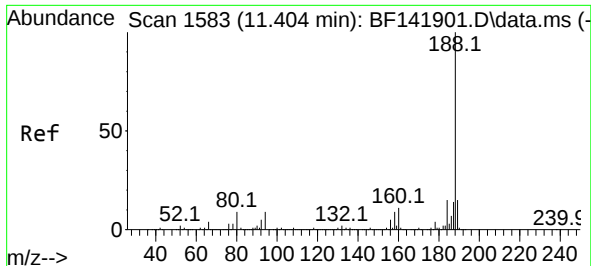
Tgt Ion:165 Resp: 44791
Ion Ratio Lower Upper
165 100
63 0.8 47.0 70.4#
89 1.1 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.888 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

Tgt Ion:165 Resp: 44791
Ion Ratio Lower Upper
165 100
63 0.8 35.4 53.2#
89 1.1 56.6 84.8#
182 0.0 2.2 3.4#

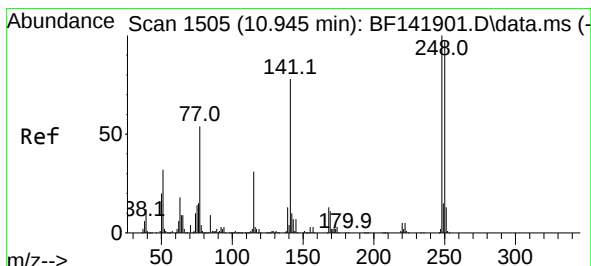
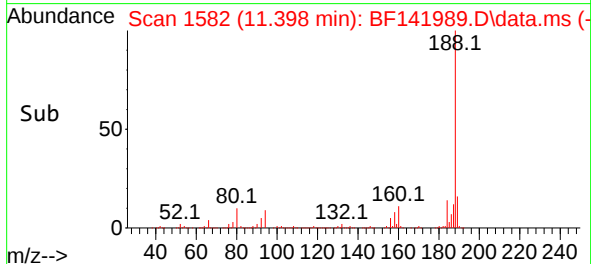
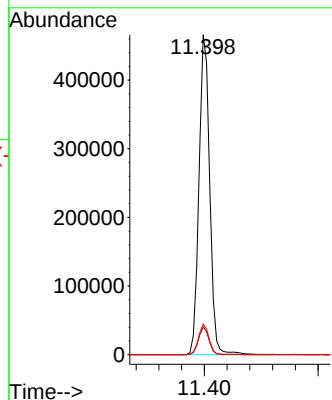
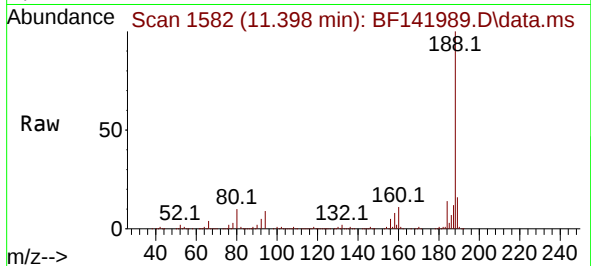




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

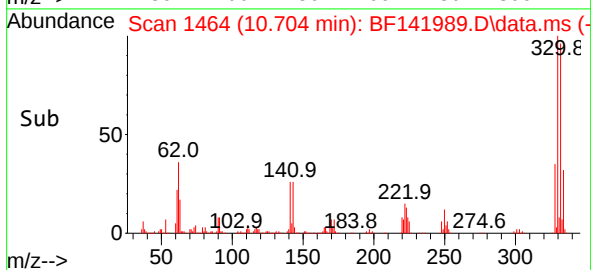
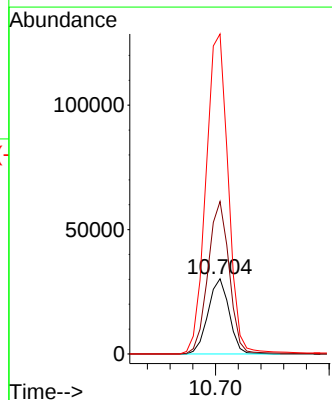
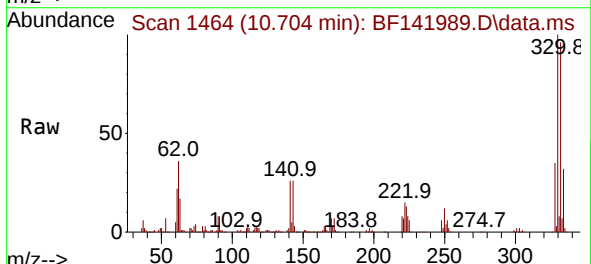
Instrument :
BNA_F
ClientSampleId :

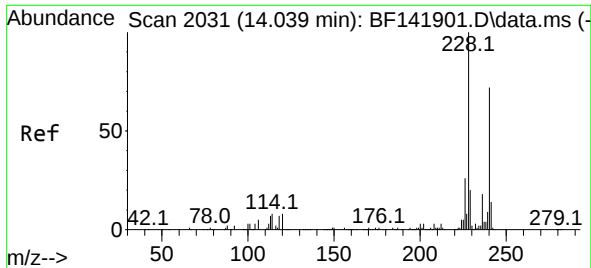
Tgt Ion:188 Resp: 613248
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.066 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

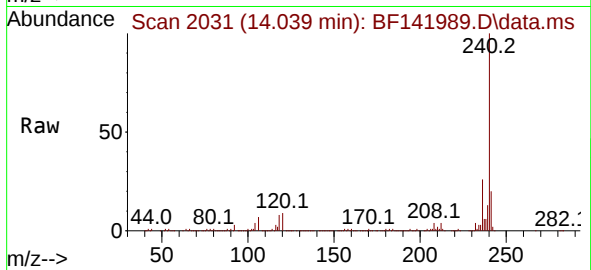
Tgt Ion:248 Resp: 39019
Ion Ratio Lower Upper
248 100
250 202.8 77.8 116.8#
141 425.4 62.6 93.8#



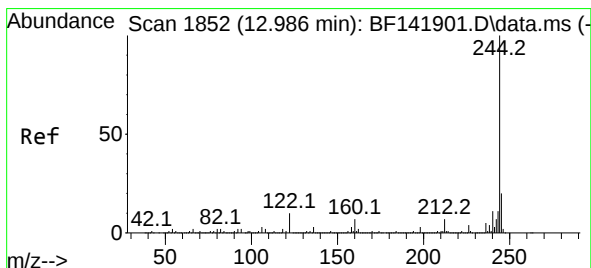
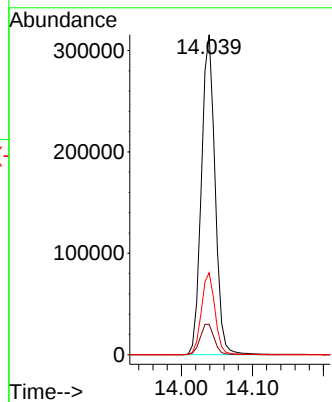
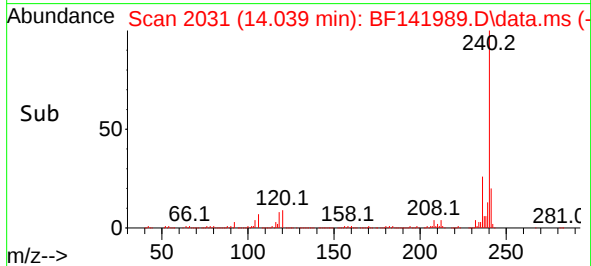


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28

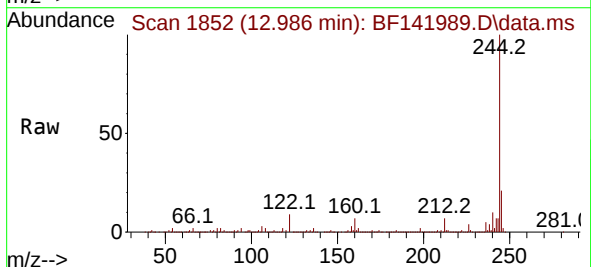
Instrument :
BNA_F
ClientSampleId :



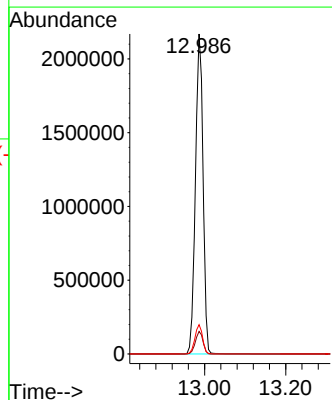
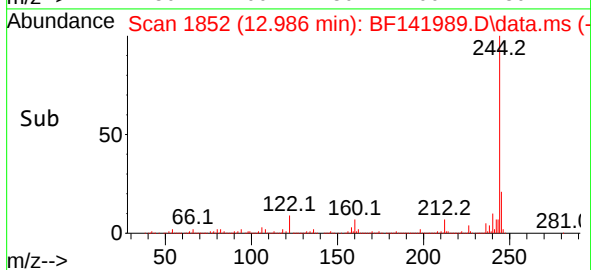
Tgt Ion:240 Resp: 422319
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.6 20.5 30.7

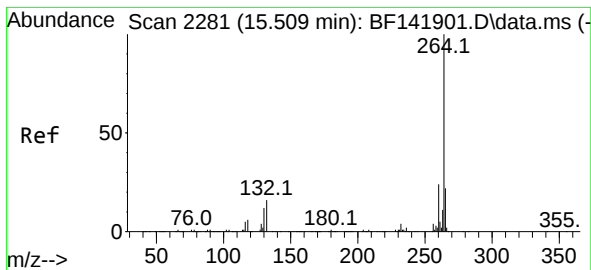


#79
Terphenyl-d14
Concen: 99.162 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141989.D
Acq: 18 Mar 2025 11:28



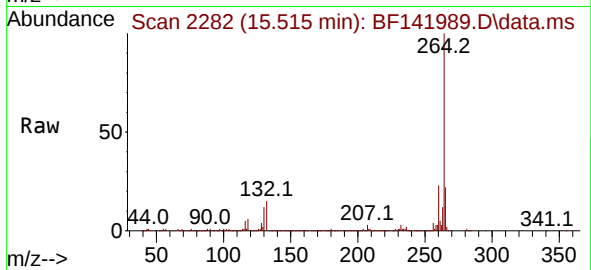
Tgt Ion:244 Resp: 2832561
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.2 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF141989.D
 Acq: 18 Mar 2025 11:28

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 357882
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 22.0 17.5 26.3

