

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
 Data File : BF144291.D
 Acq On : 20 Nov 2025 13:25
 Operator : RC/JU
 Sample : PB170631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 13:44:51 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)

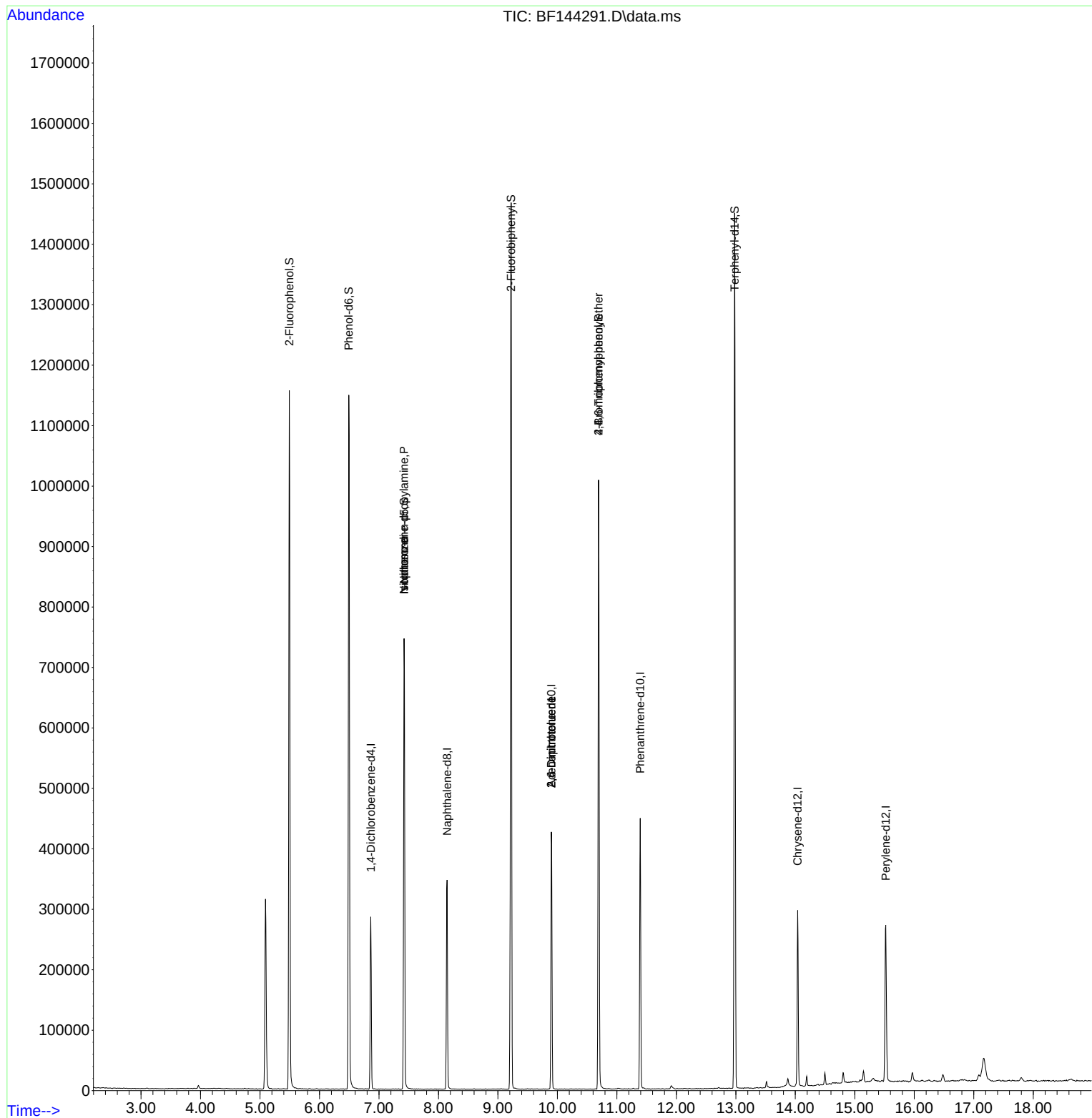
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	60075	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	236262	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	137092	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	248386	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	149201	20.000	ng	-0.01
86) Perylene-d12	15.521	264	167632	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	446789	116.383	ng	0.00
7) Phenol-d6	6.492	99	508633	116.931	ng	0.00
23) Nitrobenzene-d5	7.422	82	327629	80.090	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	208046	120.933	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	713101	76.825	ng	0.00
79) Terphenyl-d14	12.980	244	782498	83.305	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	46739	16.322	ng	# 78
25) Isophorone	7.422	82	327627	42.341	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	18170	9.883	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	18170	7.383	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	11430	3.605	ng	# 1

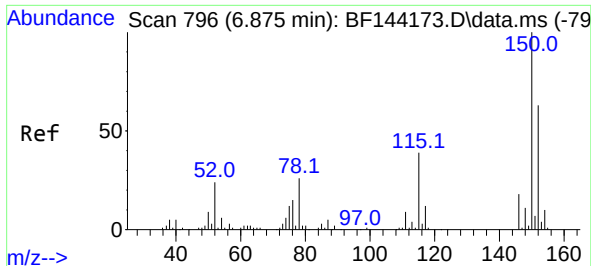
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144291.D
Acq On : 20 Nov 2025 13:25
Operator : RC/JU
Sample : PB170631BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

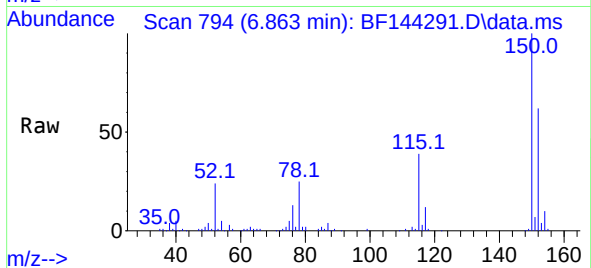
Quant Time: Nov 20 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



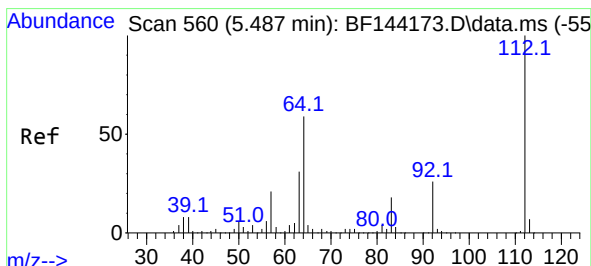
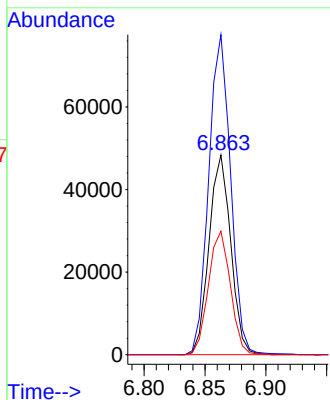
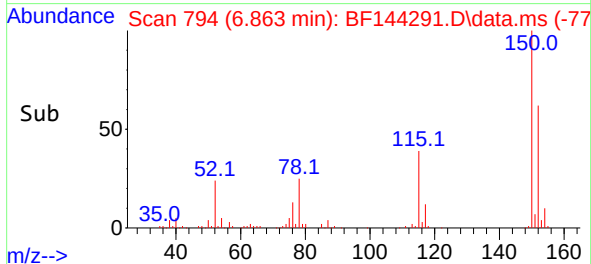


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Instrument :
BNA_F
ClientSampleId :

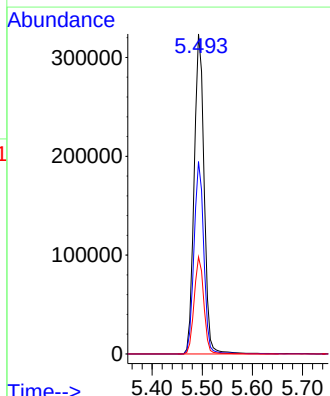
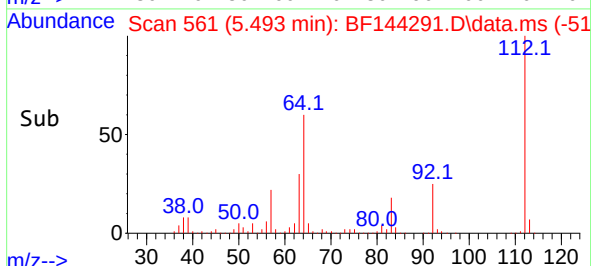
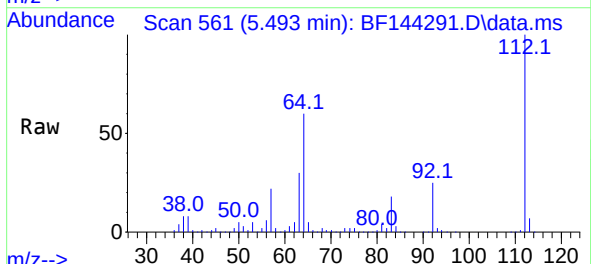


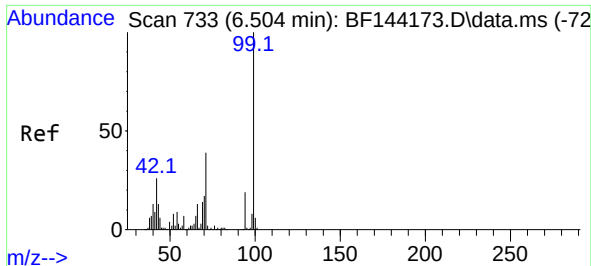
Tgt Ion:152 Resp: 60075
Ion Ratio Lower Upper
152 100
150 160.2 127.4 191.0
115 61.9 49.5 74.3



#5
2-Fluorophenol
Concen: 116.383 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Tgt Ion:112 Resp: 446789
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 30.3 24.4 36.6

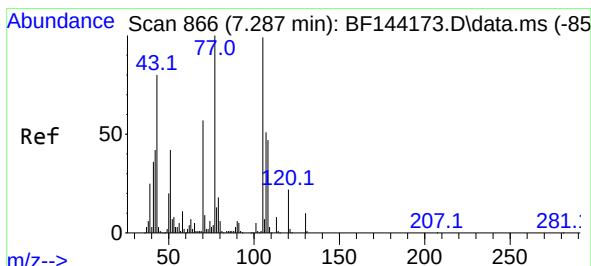
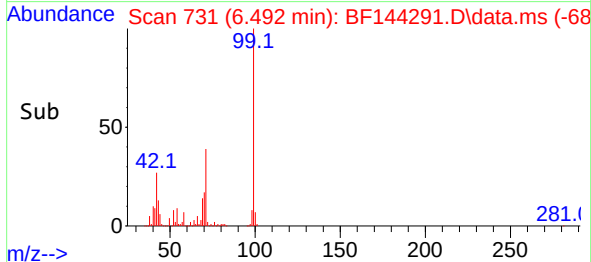
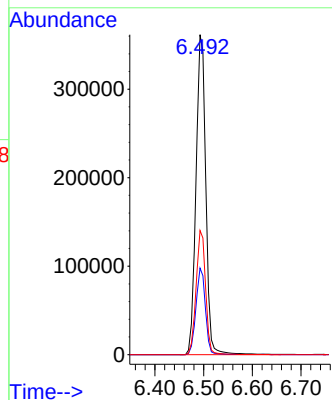
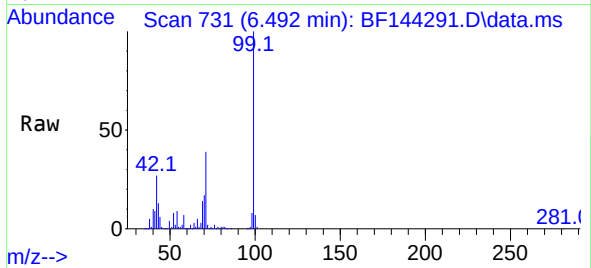




#7
Phenol-d6
Concen: 116.931 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

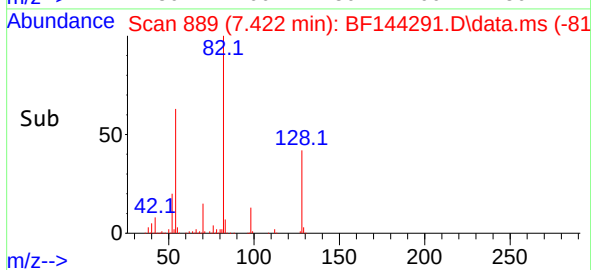
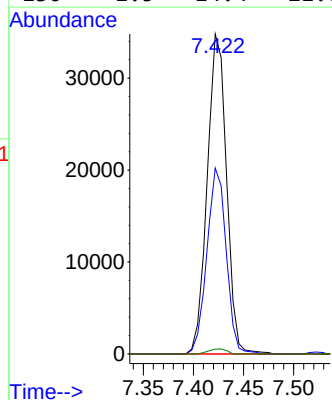
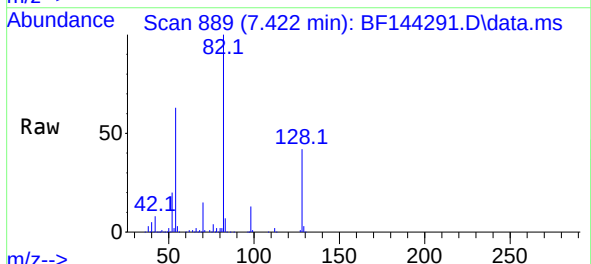
Instrument :
BNA_F
ClientSampleId :

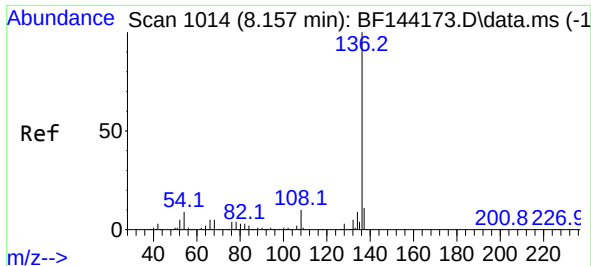
Tgt Ion: 99 Resp: 508633
Ion Ratio Lower Upper
99 100
42 27.1 20.9 31.3
71 38.8 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.322 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

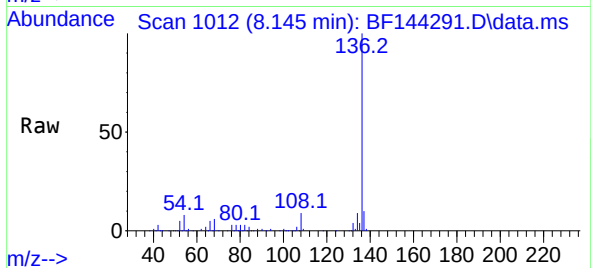
Tgt Ion: 70 Resp: 46739
Ion Ratio Lower Upper
70 100
42 58.1 58.3 87.5#
101 0.0 7.0 10.6#
130 1.5 14.4 21.6#





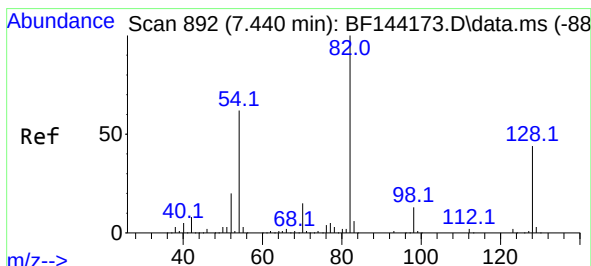
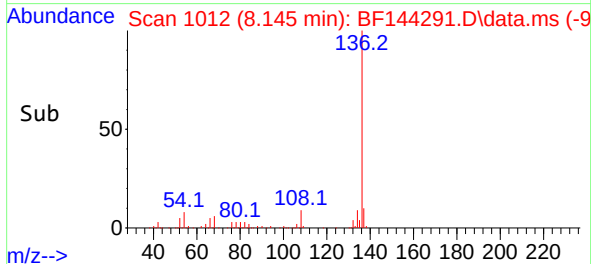
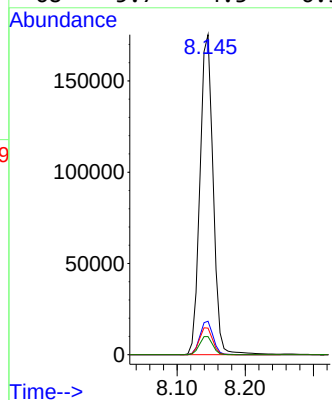
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 236262

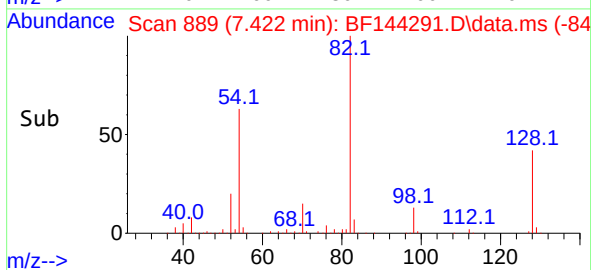
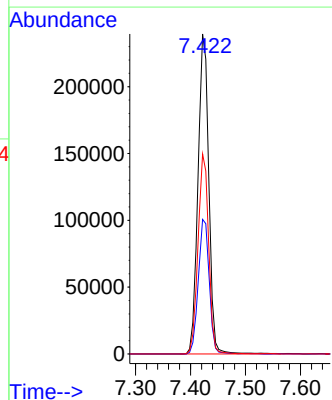
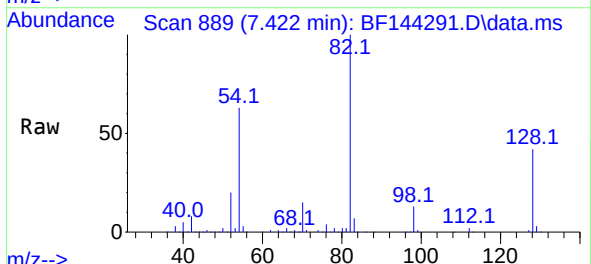
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.0	10.6
68	5.7	4.3	6.5

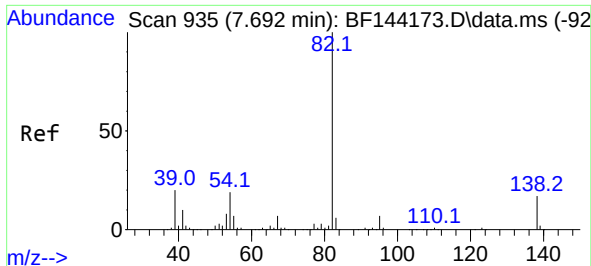


#23
Nitrobenzene-d5
Concen: 80.090 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Tgt Ion: 82 Resp: 327629

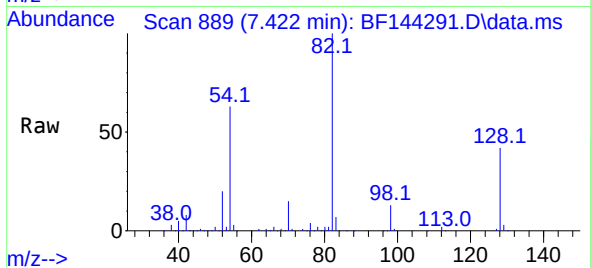
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.7	52.1
54	62.5	49.5	74.3



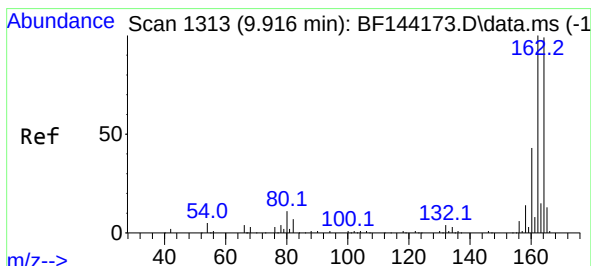
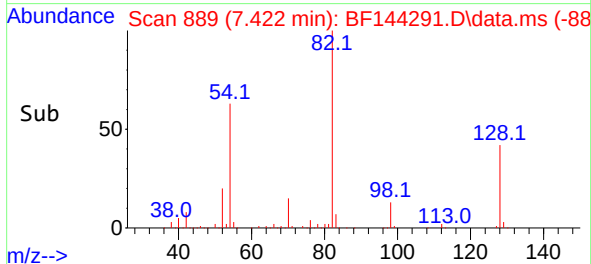
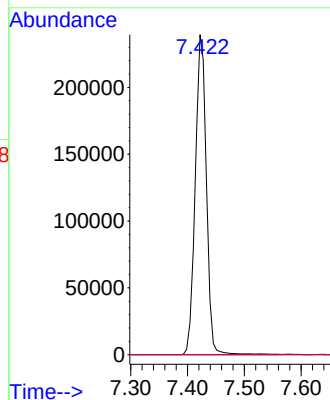


#25
Isophorone
Concen: 42.341 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Instrument :
BNA_F
ClientSampleId :

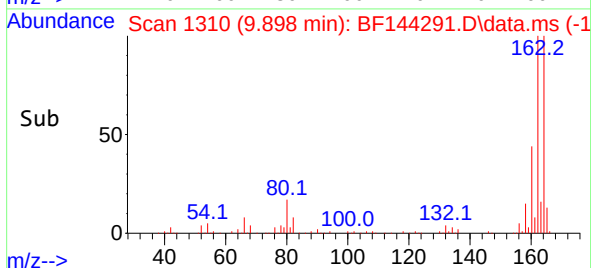
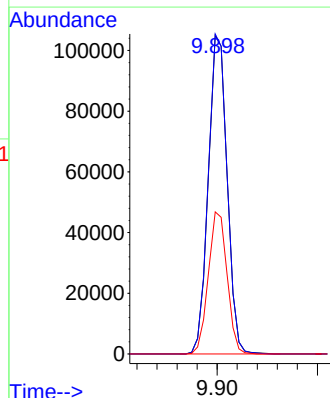
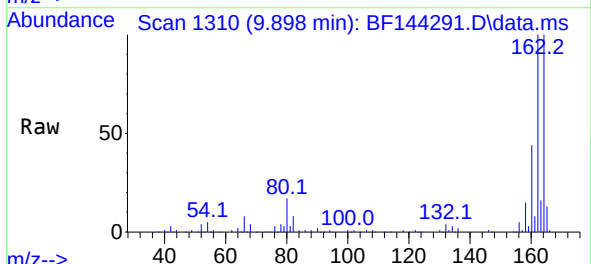


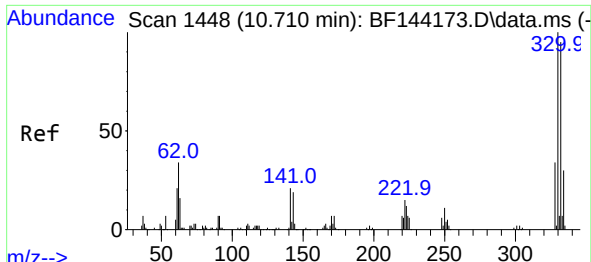
Tgt Ion: 82 Resp: 327627
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

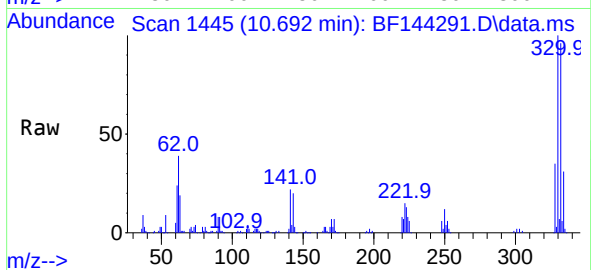
Tgt Ion: 164 Resp: 137092
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 44.5 34.5 51.7



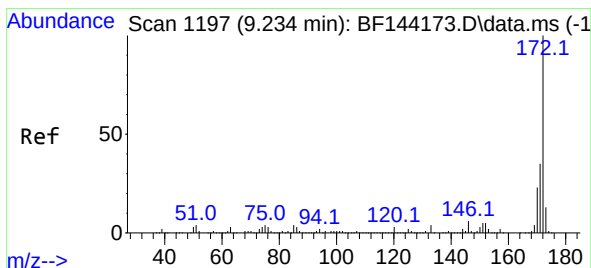
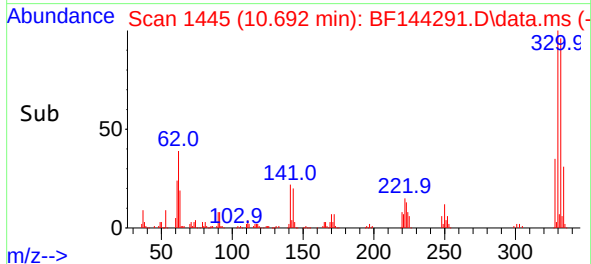
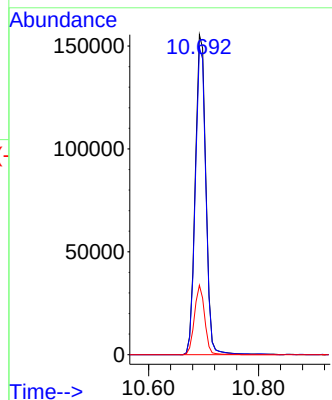


#42
2,4,6-Tribromophenol
Concen: 120.933 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Instrument :
BNA_F
ClientSampleId :

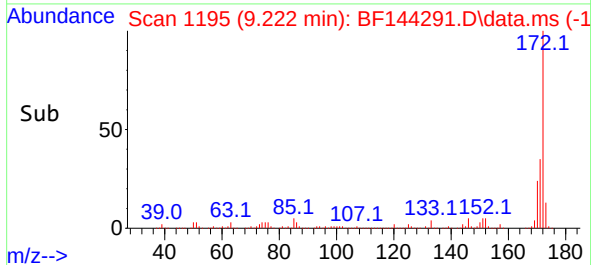
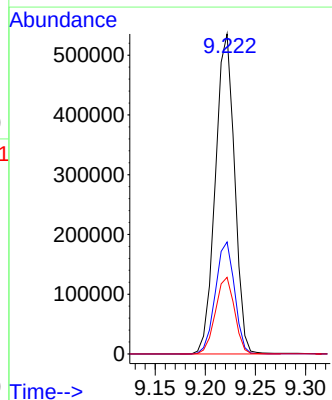
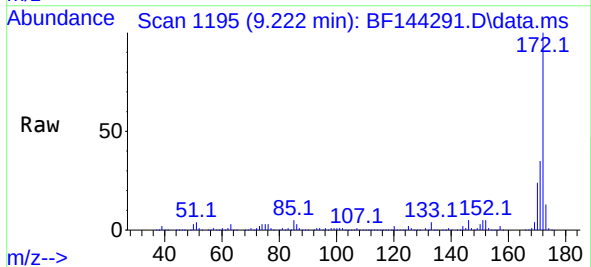


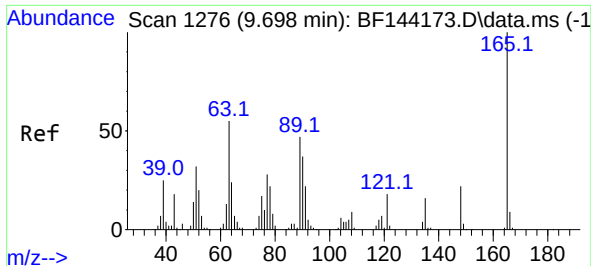
Tgt Ion:330 Resp: 208046
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 20.9 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 76.825 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

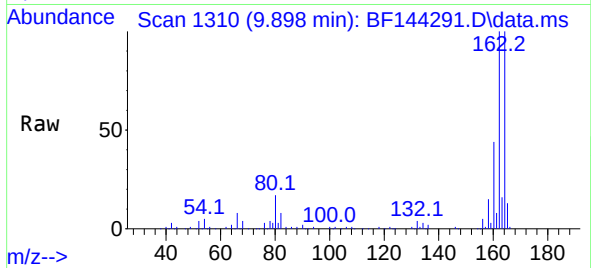
Tgt Ion:172 Resp: 713101
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.9 18.6 28.0



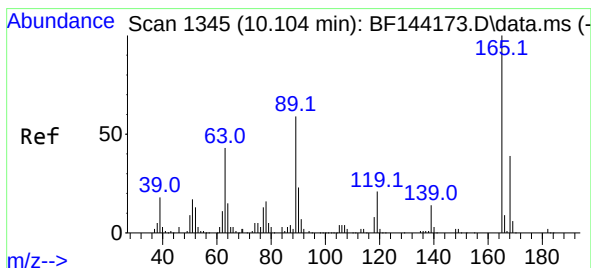
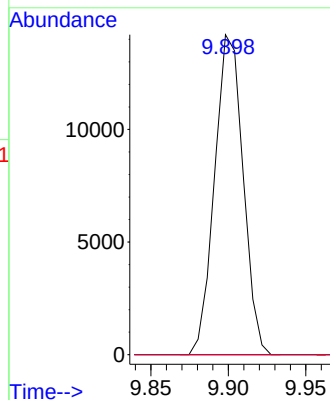
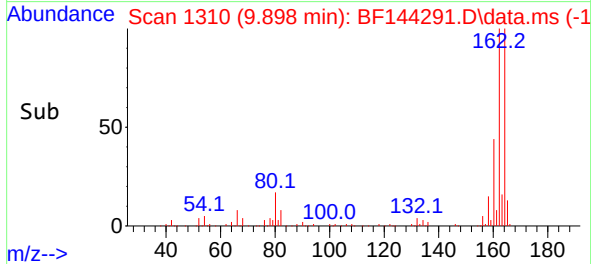


#51
2,6-Dinitrotoluene
Concen: 9.883 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

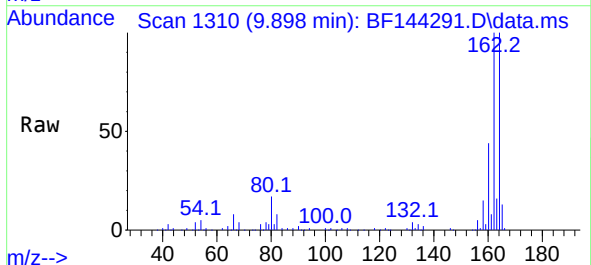
Instrument :
BNA_F
ClientSampleId :



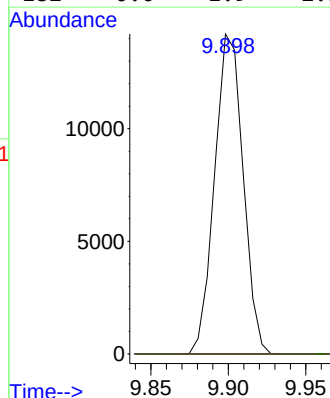
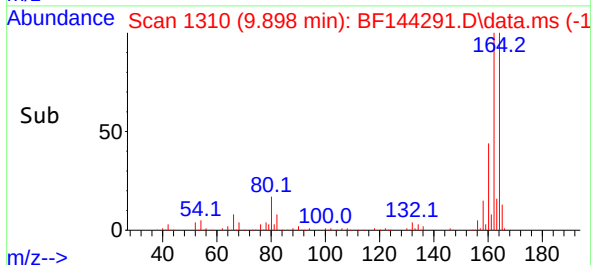
Tgt Ion:165 Resp: 18170
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#

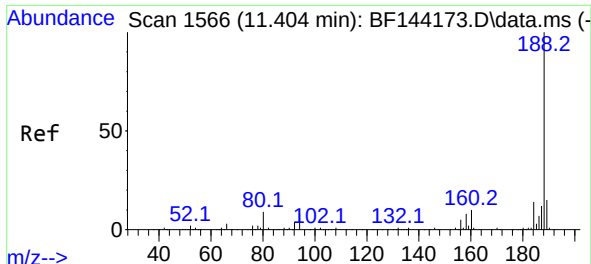


#57
2,4-Dinitrotoluene
Concen: 7.383 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25



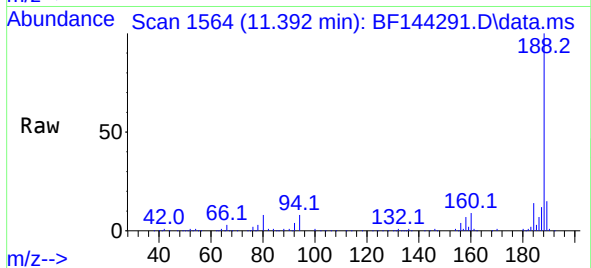
Tgt Ion:165 Resp: 18170
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#



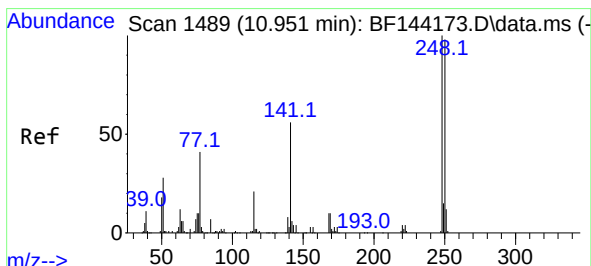
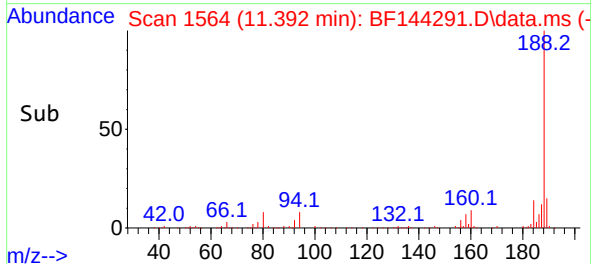
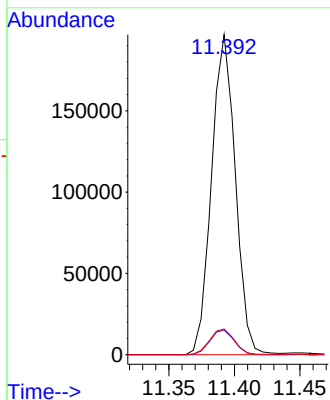


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Instrument :
BNA_F
ClientSampleId :

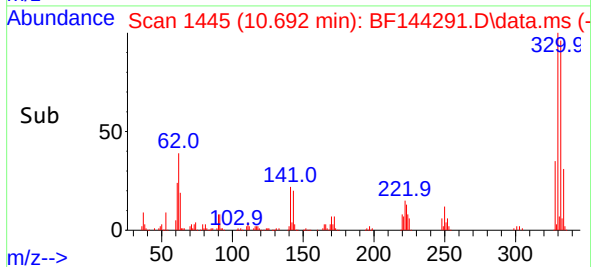
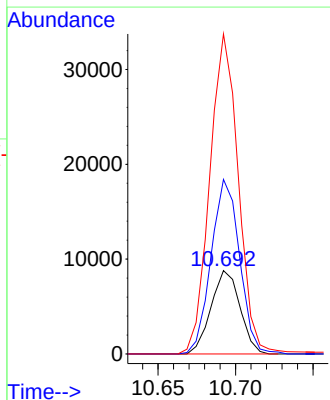
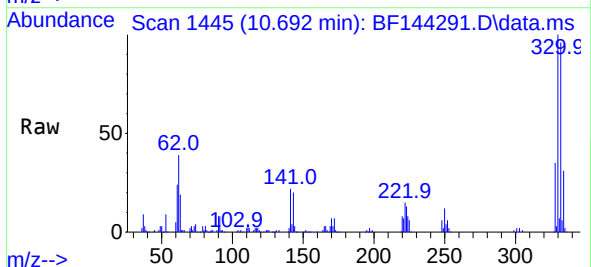


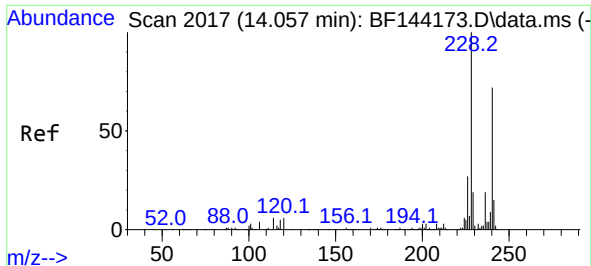
Tgt Ion:188 Resp: 248386
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.0 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.605 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

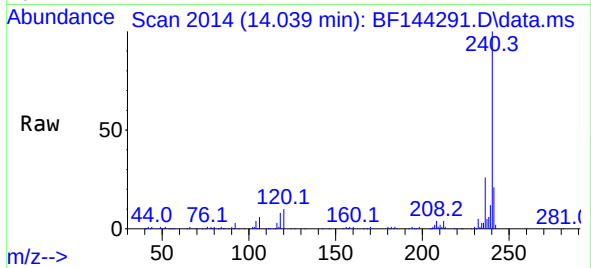
Tgt Ion:248 Resp: 11430
Ion Ratio Lower Upper
248 100
250 209.4 78.4 117.6#
141 383.7 45.1 67.7#



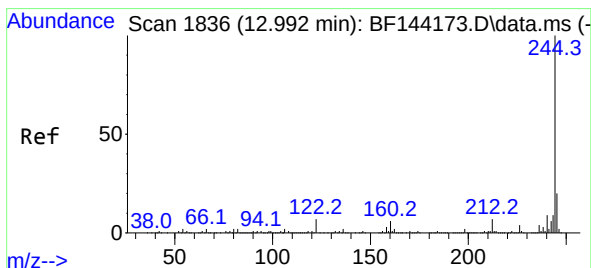
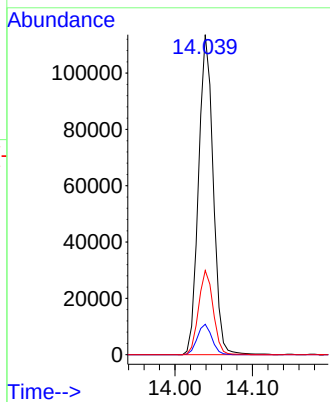
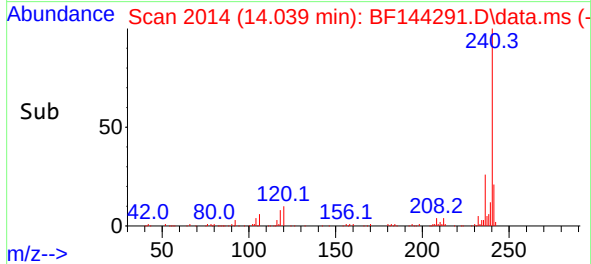


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

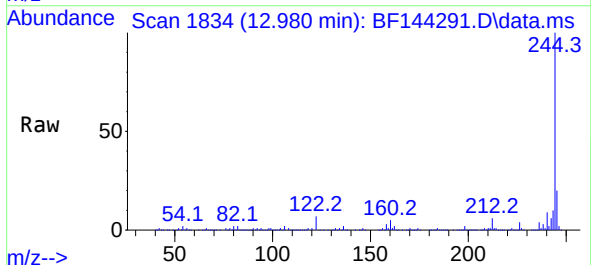
Instrument :
BNA_F
ClientSampleId :



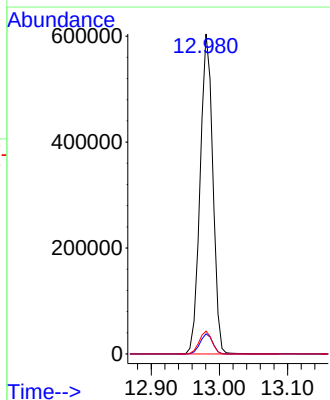
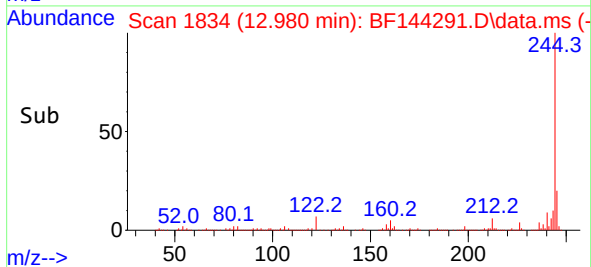
Tgt Ion:240 Resp: 149201
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 26.3 21.4 32.2

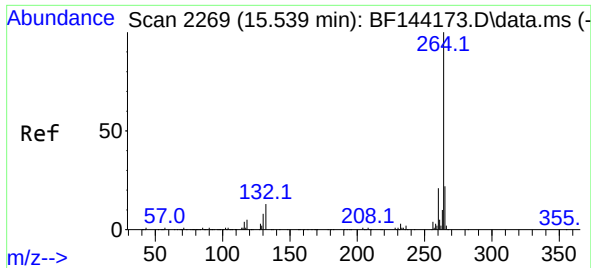


#79
Terphenyl-d14
Concen: 83.305 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25



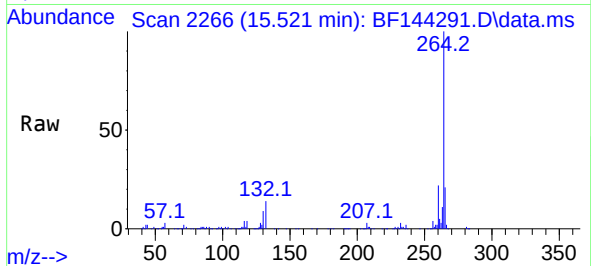
Tgt Ion:244 Resp: 782498
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 7.1 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF144291.D
Acq: 20 Nov 2025 13:25

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 167632
Ion Ratio Lower Upper
264 100
260 22.3 17.1 25.7
265 20.6 17.4 26.0

