

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
 Data File : BF143985.D
 Acq On : 17 Oct 2025 15:11
 Operator : RC/JU
 Sample : PB170149BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BL

Quant Time: Oct 17 15:42:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

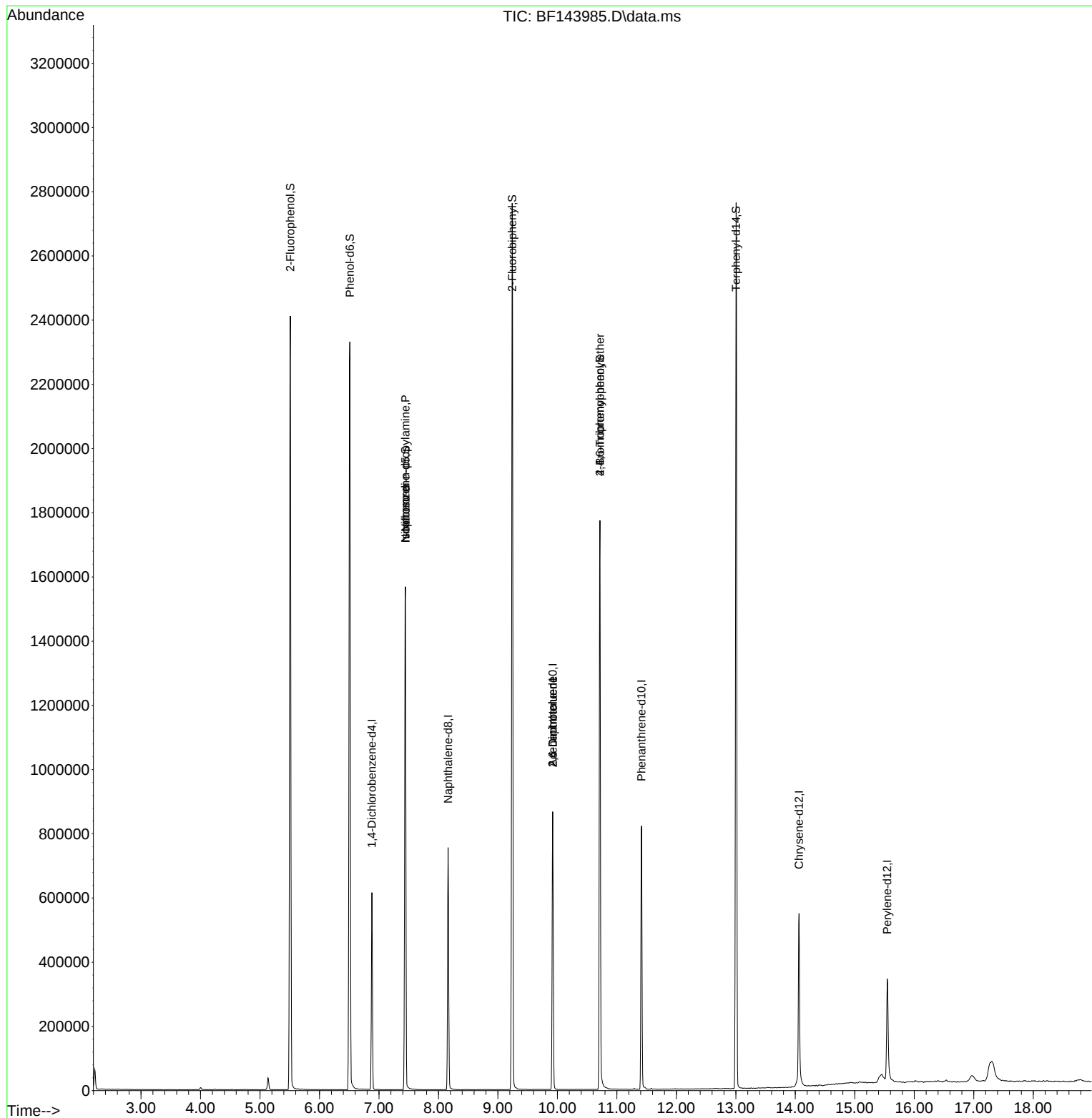
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124841	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	484003	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	266250	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	466858	20.000	ng	0.00
76) Chrysene-d12	14.063	240	270321	20.000	ng	0.00
86) Perylene-d12	15.545	264	237285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	979248	124.561	ng	0.01
7) Phenol-d6	6.510	99	1180047	125.930	ng	0.00
23) Nitrobenzene-d5	7.445	82	739033	92.768	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	373024	140.663	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1384018	82.482	ng	-0.01
79) Terphenyl-d14	13.004	244	1526806	96.531	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	109527	17.076	ng	# 75
25) Isophorone	7.445	82	649874	38.688	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	35810	11.422	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	35810	8.394	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	21642	4.195	ng	# 1

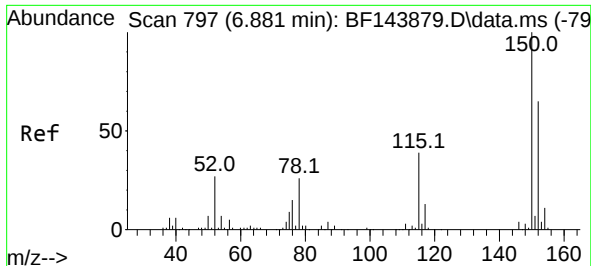
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101725\
Data File : BF143985.D
Acq On : 17 Oct 2025 15:11
Operator : RC/JU
Sample : PB170149BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170149BL

Quant Time: Oct 17 15:42:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

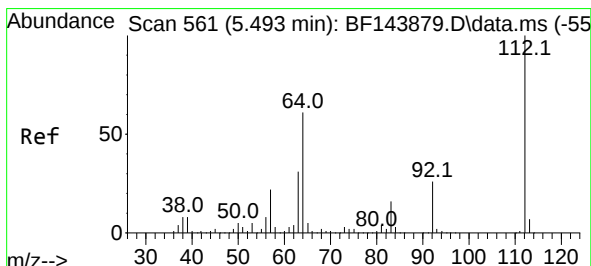
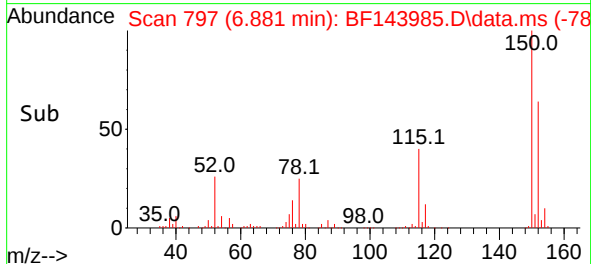
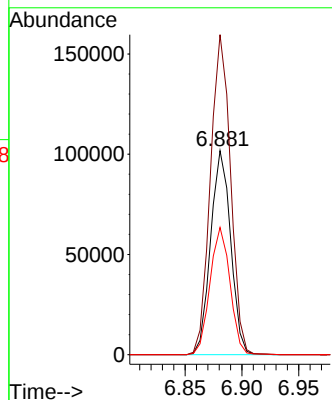
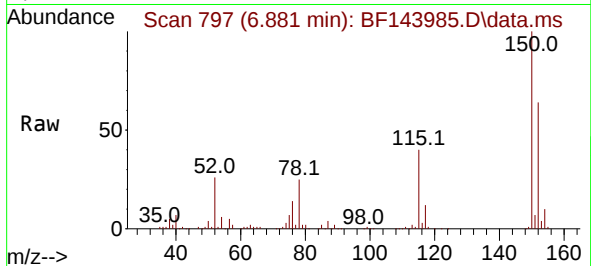




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143985.D
 Acq: 17 Oct 2025 15:11

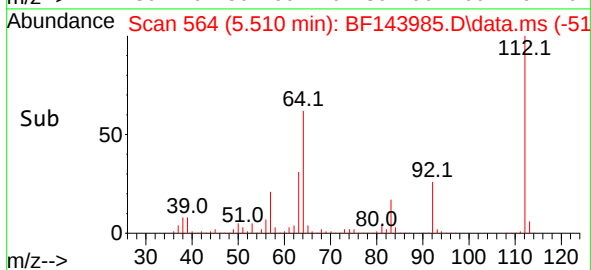
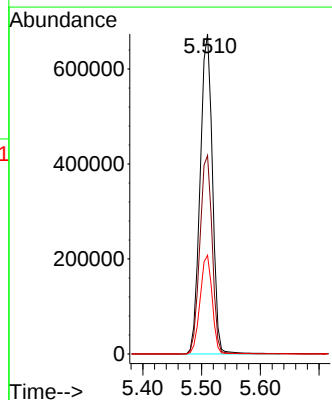
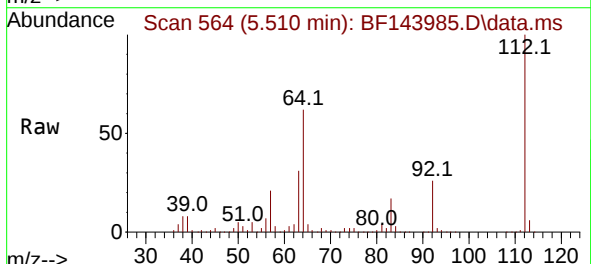
Instrument :
 BNA_F
 ClientSampleId :
 PB170149BL

Tgt Ion:152 Resp: 124841
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.4 186.6
 115 62.4 48.1 72.1



#5
 2-Fluorophenol
 Concen: 124.561 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF143985.D
 Acq: 17 Oct 2025 15:11

Tgt Ion:112 Resp: 979248
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.1 73.7
 63 30.8 24.5 36.7

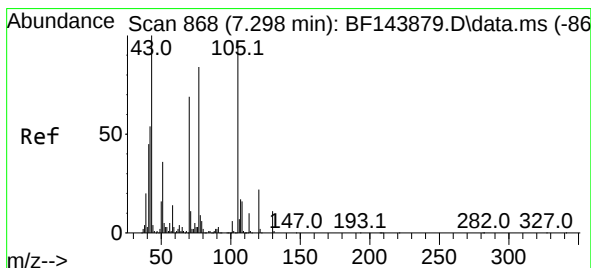
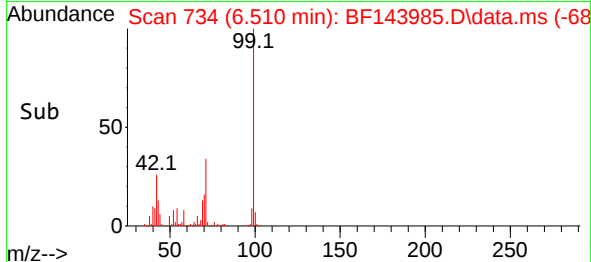
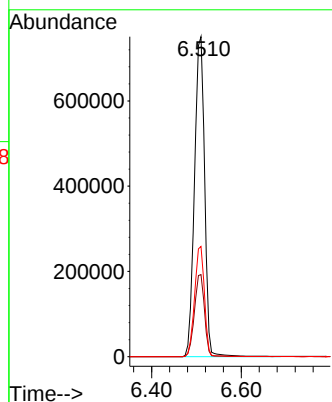
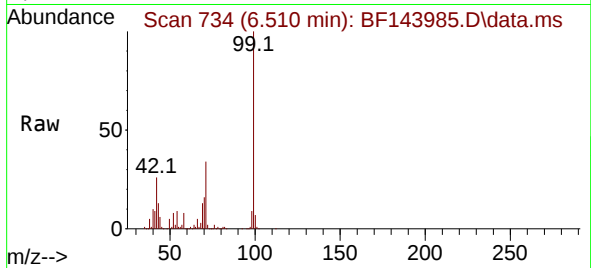




#7
Phenol-d6
Concen: 125.930 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

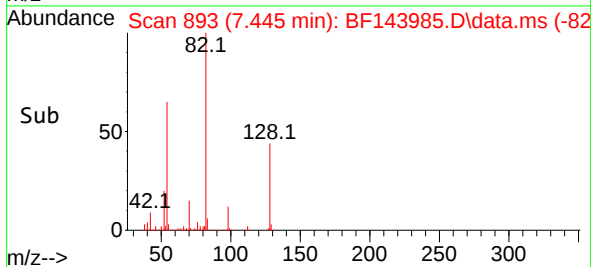
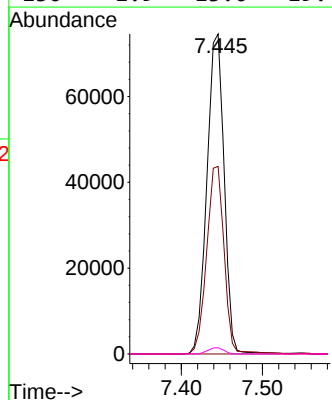
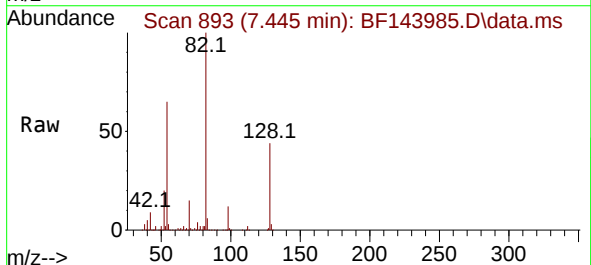
Instrument :
BNA_F
ClientSampleId :
PB170149BL

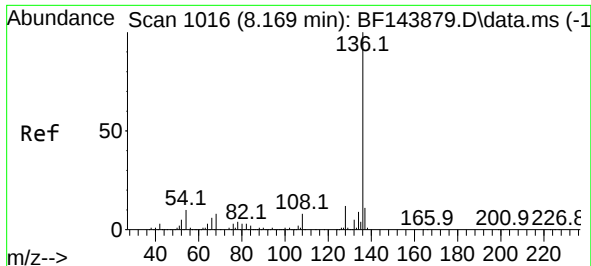
Tgt Ion: 99 Resp: 1180047
Ion Ratio Lower Upper
99 100
42 25.6 21.0 31.4
71 34.5 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.076 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion: 70 Resp: 109527
Ion Ratio Lower Upper
70 100
42 58.6 62.8 94.2#
101 0.0 6.7 10.1#
130 1.9 13.0 19.4#



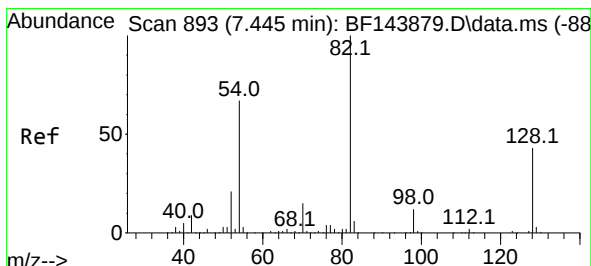
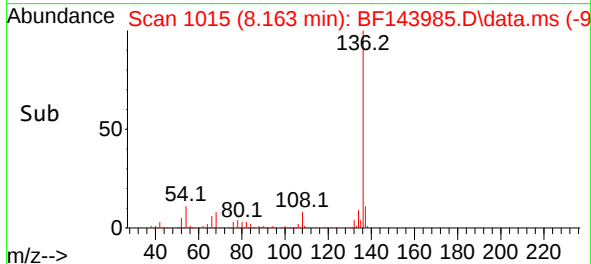
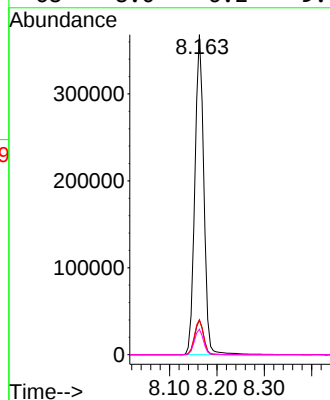
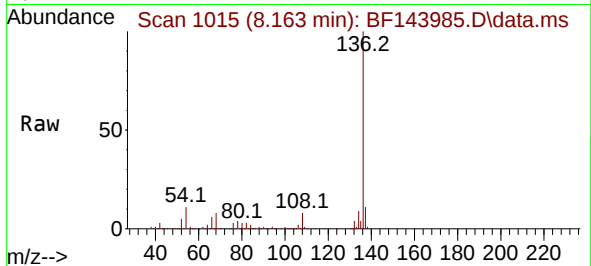


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Instrument :
BNA_F
ClientSampleId :
PB170149BL

Tgt Ion:136 Resp: 484003

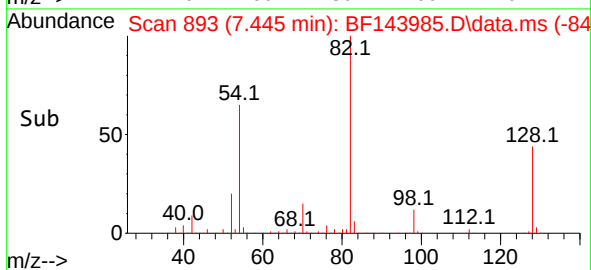
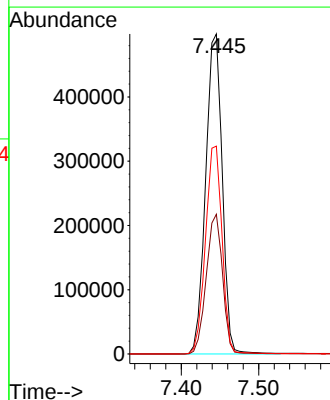
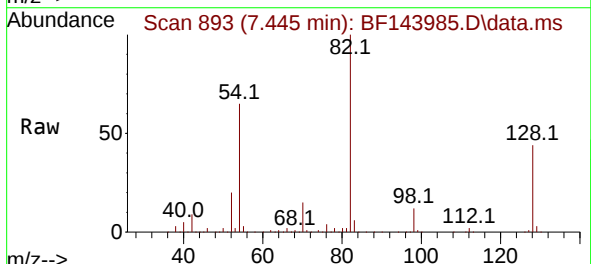
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.9	8.2	12.4
68	8.0	6.2	9.4

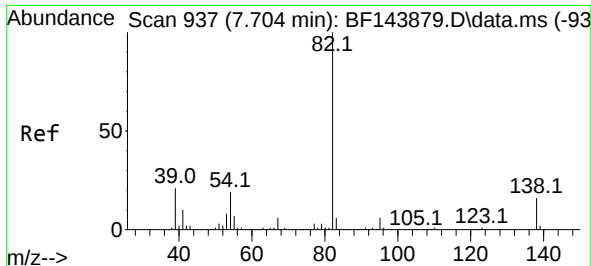


#23
Nitrobenzene-d5
Concen: 92.768 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion: 82 Resp: 739033

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	64.9	53.2	79.8

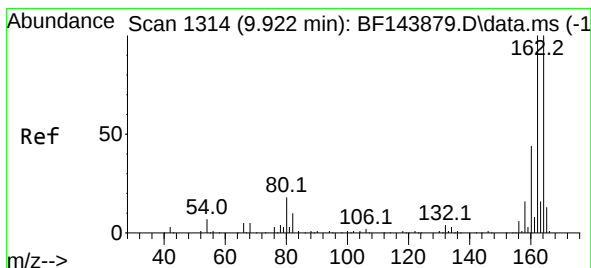
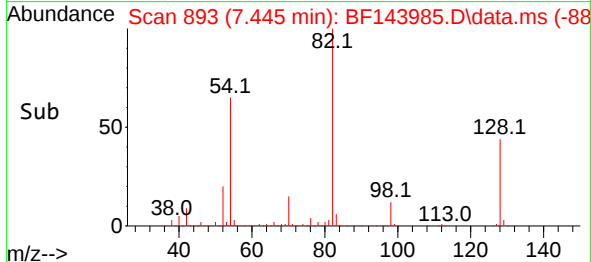
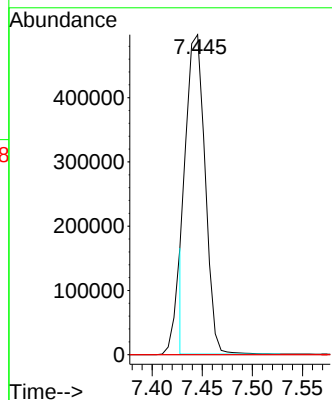
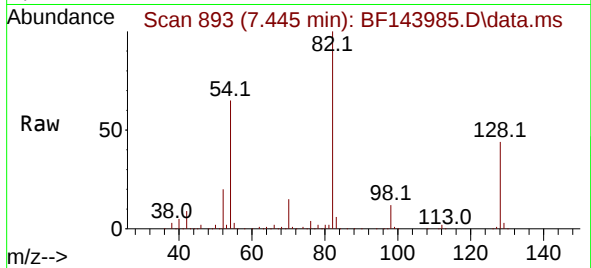




#25
Isophorone
Concen: 38.688 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

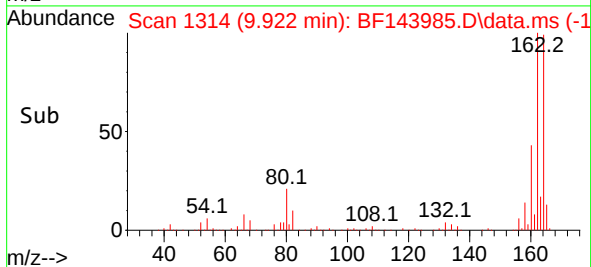
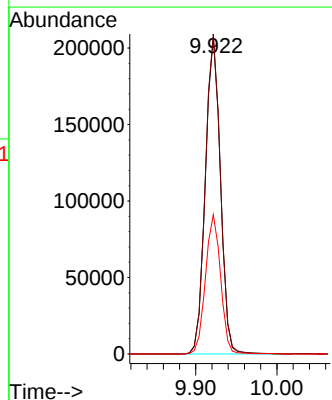
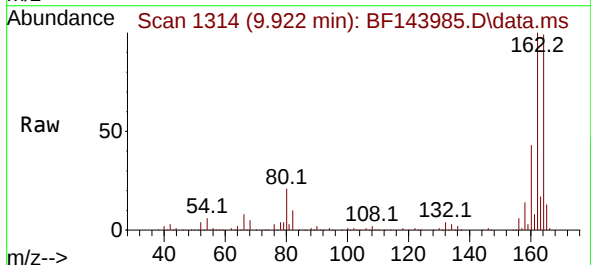
Instrument :
BNA_F
ClientSampleId :
PB170149BL

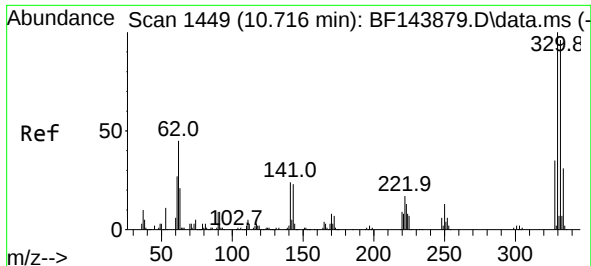
Tgt Ion: 82 Resp: 649874
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

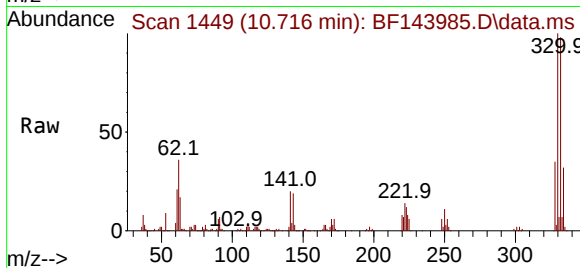
Tgt Ion: 164 Resp: 266250
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 43.9 35.4 53.0



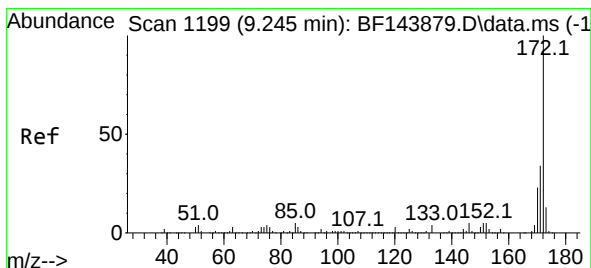
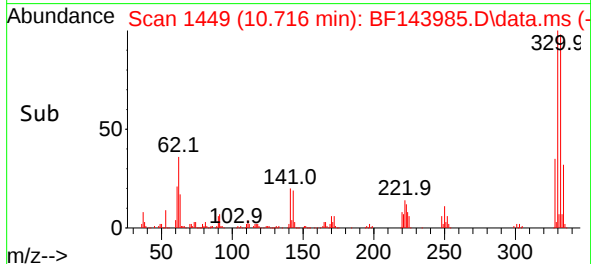
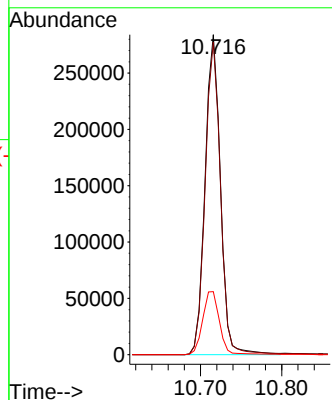


#42
2,4,6-Tribromophenol
Concen: 140.663 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Instrument :
BNA_F
ClientSampleId :
PB170149BL

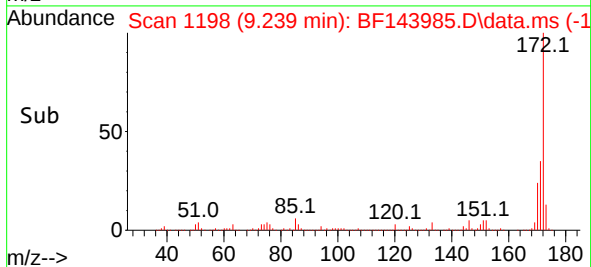
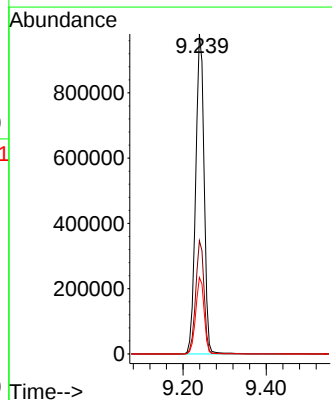
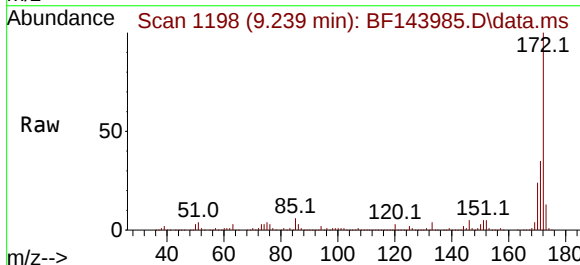


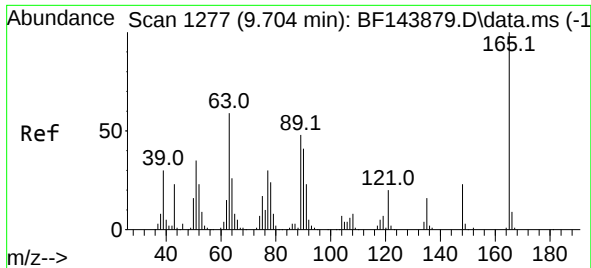
Tgt Ion:330 Resp: 373024
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 21.7 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 82.482 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion:172 Resp: 1384018
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 23.9 18.6 28.0

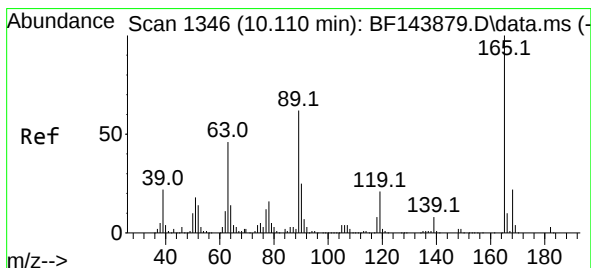
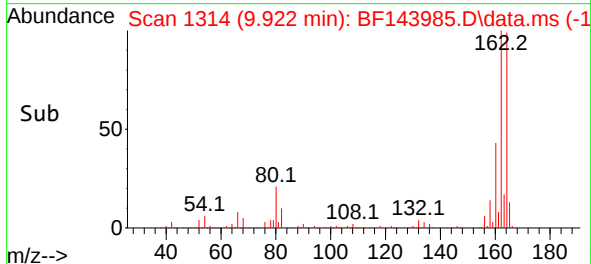
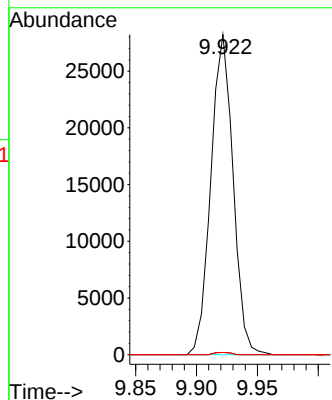
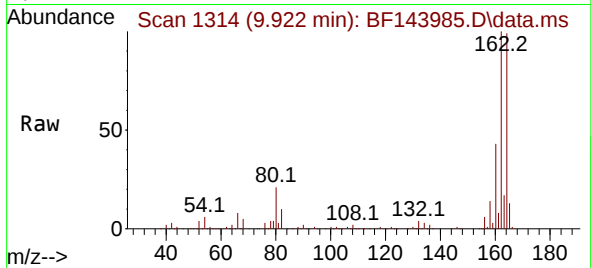




#51
2,6-Dinitrotoluene
Concen: 11.422 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

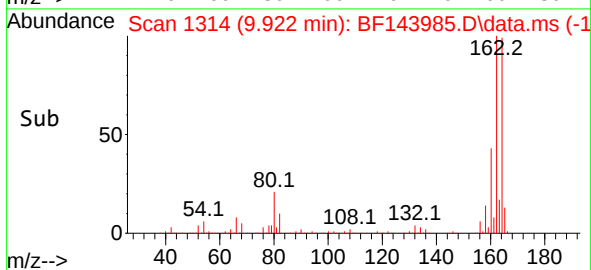
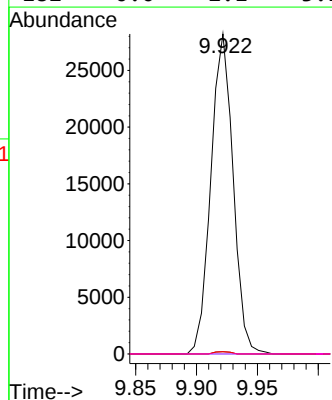
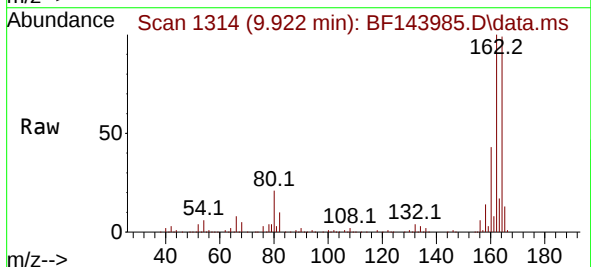
Instrument :
BNA_F
ClientSampleId :
PB170149BL

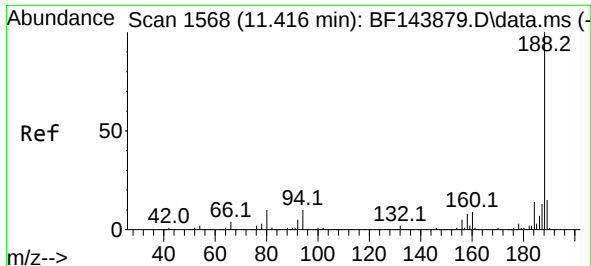
Tgt Ion:165 Resp: 35810
Ion Ratio Lower Upper
165 100
63 0.7 47.3 70.9#
89 0.7 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 8.394 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

Tgt Ion:165 Resp: 35810
Ion Ratio Lower Upper
165 100
63 0.7 37.2 55.8#
89 0.7 49.4 74.2#
182 0.0 2.1 3.1#

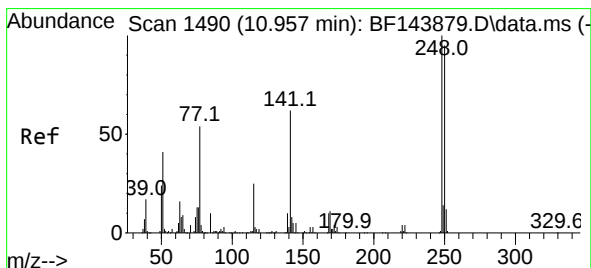
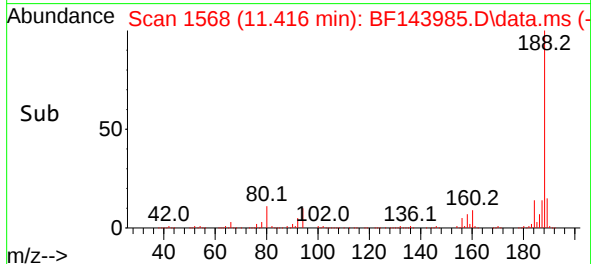
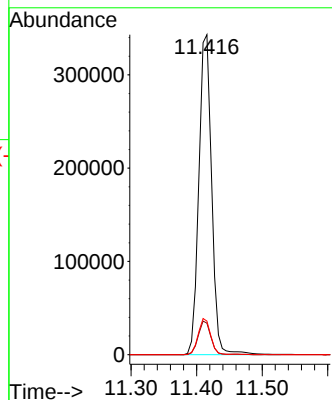
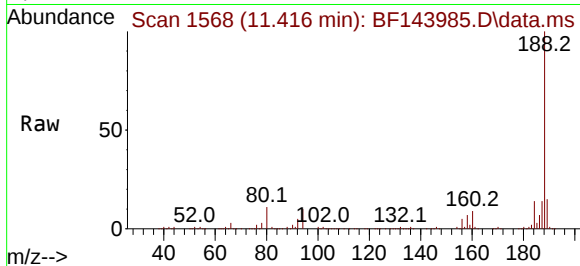




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

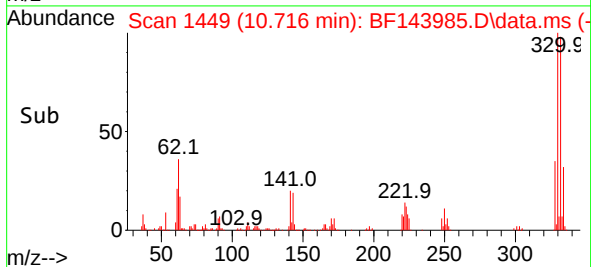
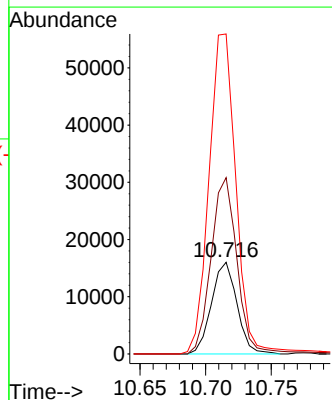
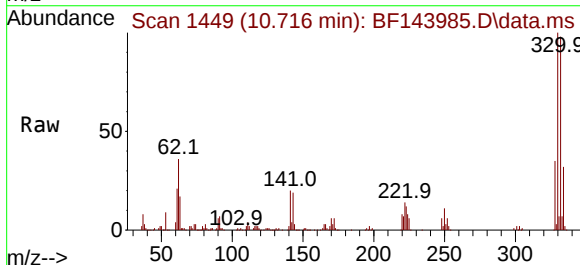
Instrument :
BNA_F
ClientSampleId :
PB170149BL

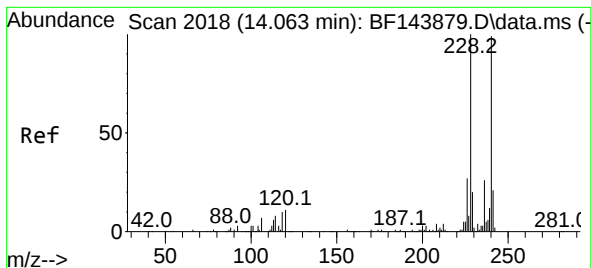
Tgt Ion:188 Resp: 466858
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.195 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

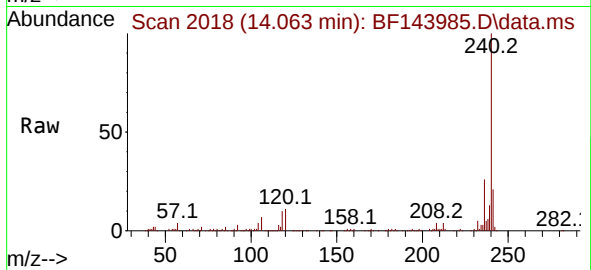
Tgt Ion:248 Resp: 21642
Ion Ratio Lower Upper
248 100
250 192.3 76.3 114.5#
141 349.0 49.7 74.5#



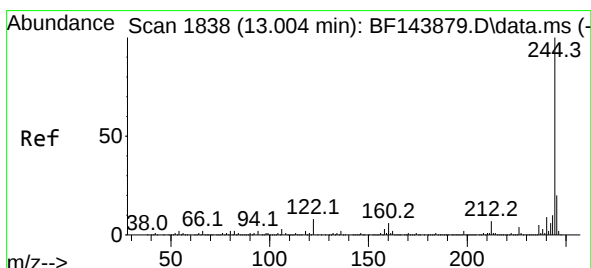
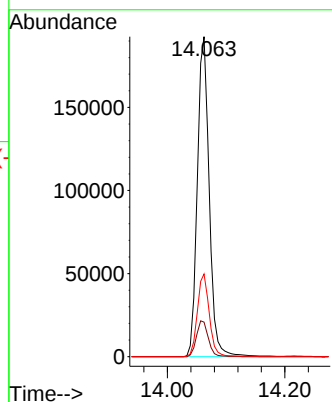
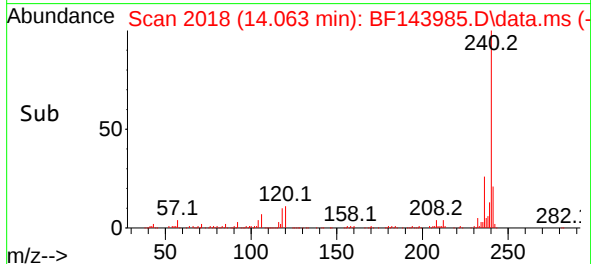


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11

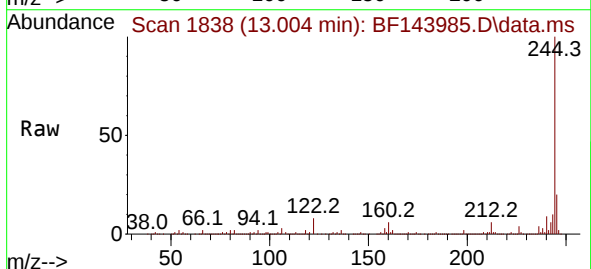
Instrument :
BNA_F
ClientSampleId :
PB170149BL



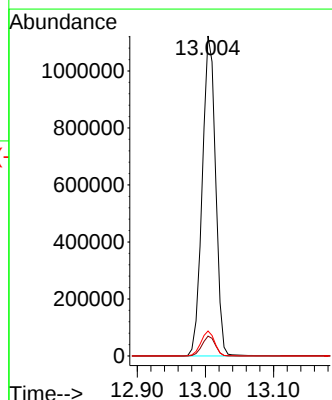
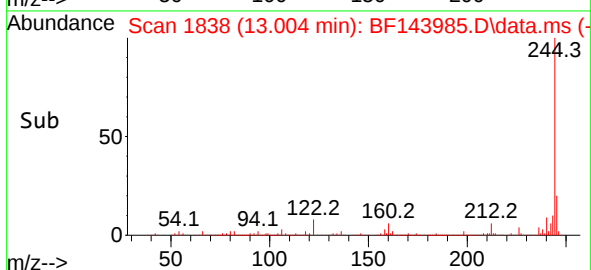
Tgt Ion:240 Resp: 270321
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 25.8 21.1 31.7

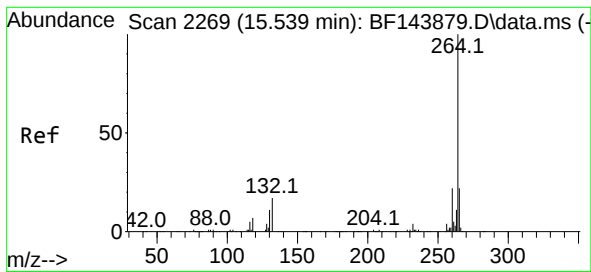


#79
Terphenyl-d14
Concen: 96.531 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143985.D
Acq: 17 Oct 2025 15:11



Tgt Ion:244 Resp: 1526806
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 7.8 6.4 9.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143985.D
 Acq: 17 Oct 2025 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB170149BL

Tgt Ion:264 Resp: 237285
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.8 26.8
 265 20.4 17.5 26.3

