

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF143998.D
 Acq On : 20 Oct 2025 13:57
 Operator : RC/JU
 Sample : PB170165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170165BL

Quant Time: Oct 20 15:48:44 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

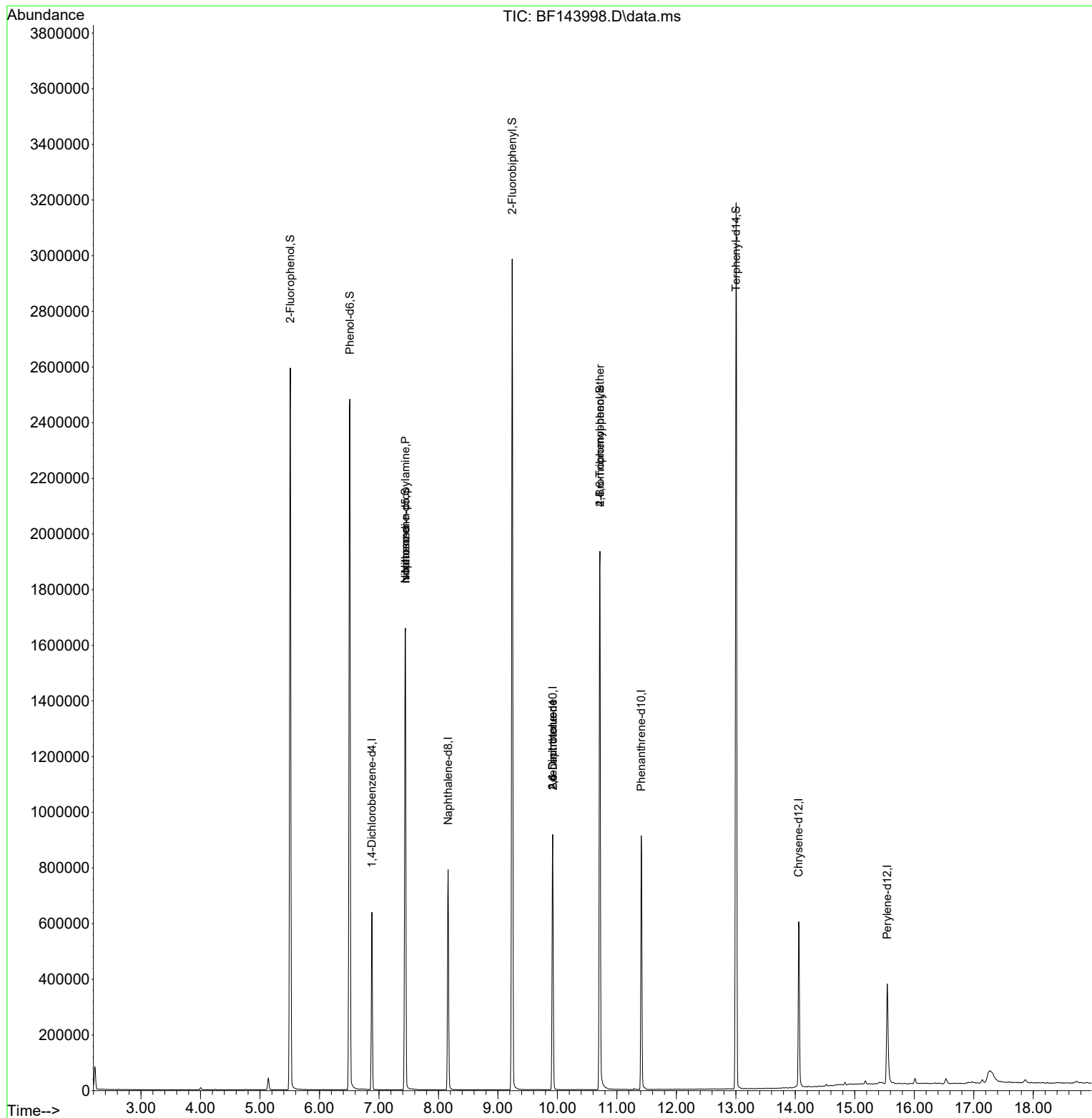
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	130248	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	512745	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	286771	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	507389	20.00	ng	0.00
76) Chrysene-d12	14.057	240	319613	20.00	ng	-0.01
86) Perylene-d12	15.545	264	267338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1050979	128.14	ng	0.01
7) Phenol-d6	6.510	99	1262662	129.15	ng	0.00
23) Nitrobenzene-d5	7.445	82	809626	95.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	424612	148.66	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1514889	83.82	ng	-0.01
79) Terphenyl-d14	13.004	244	1792209	95.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	117633	17.58	ng	# 79
25) Isophorone	7.445	82	701038	39.39	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	37367	11.07	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	37367	8.13	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	24637	4.39	ng	# 1

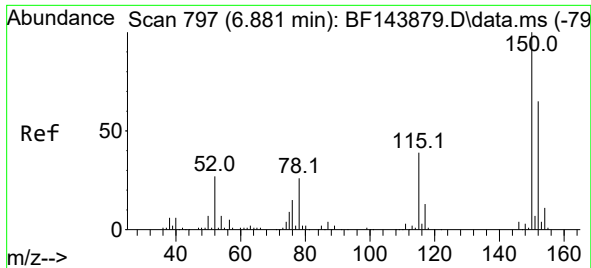
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
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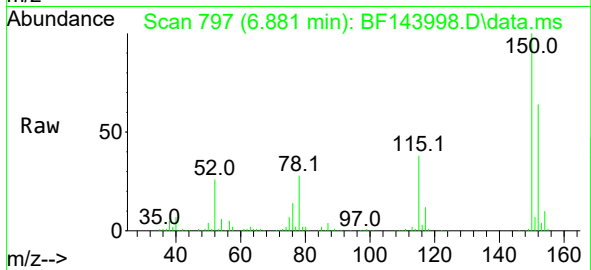
Quant Time: Oct 20 15:48:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



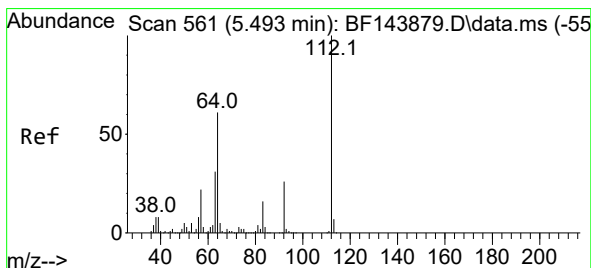
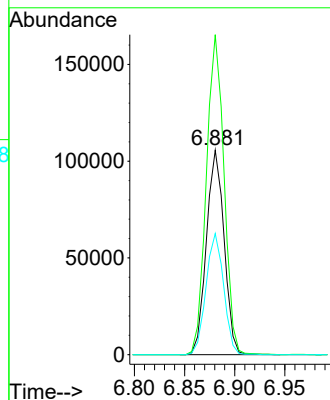
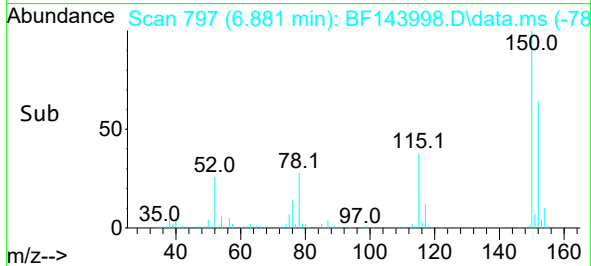


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

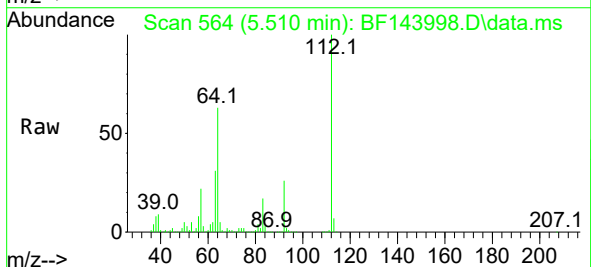
Instrument :
BNA_F
ClientSampleId :
PB170165BL



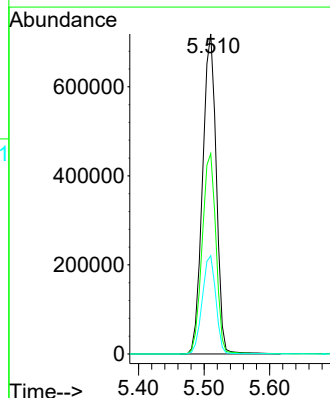
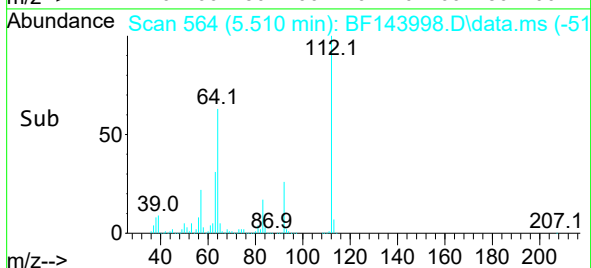
Tgt Ion:152 Resp: 130248
Ion Ratio Lower Upper
152 100
150 156.5 124.4 186.6
115 59.3 48.1 72.1

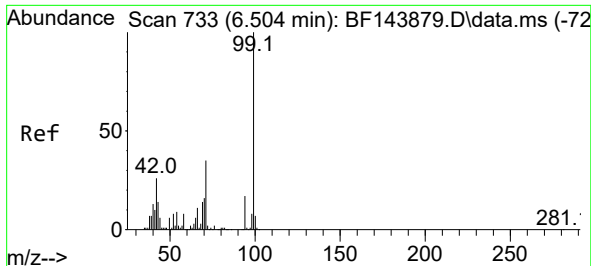


#5
2-Fluorophenol
Concen: 128.14 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57



Tgt Ion:112 Resp: 1050979
Ion Ratio Lower Upper
112 100
64 62.6 49.1 73.7
63 30.7 24.5 36.7

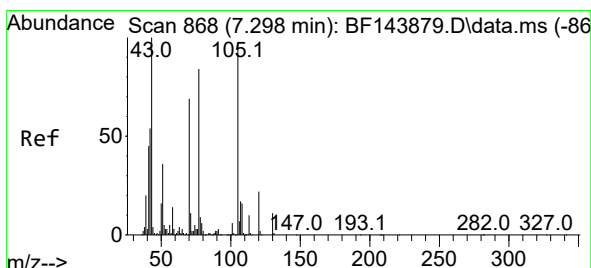
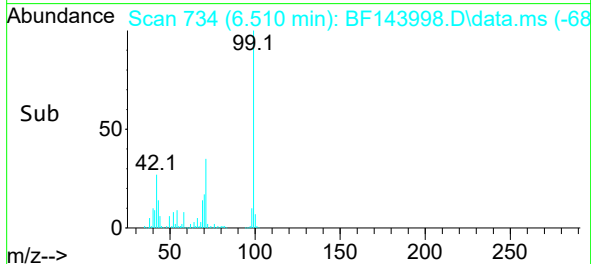
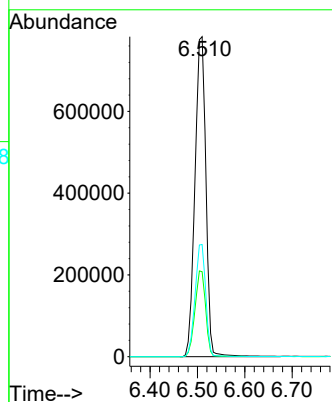
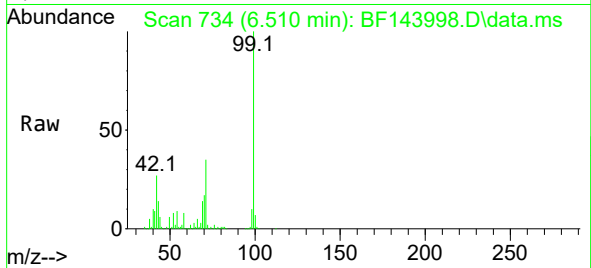




#7
Phenol-d6
Concen: 129.15 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

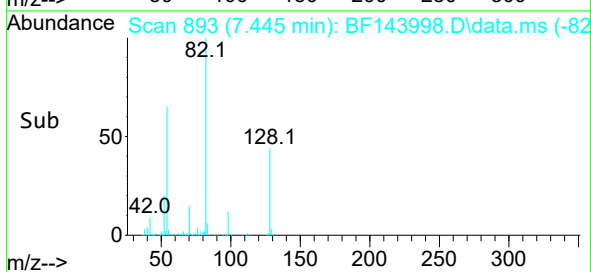
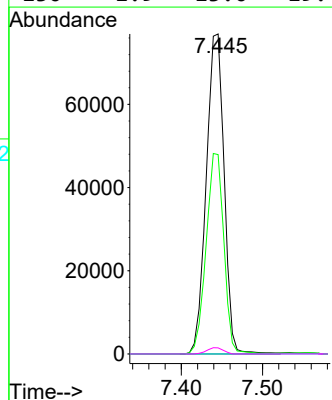
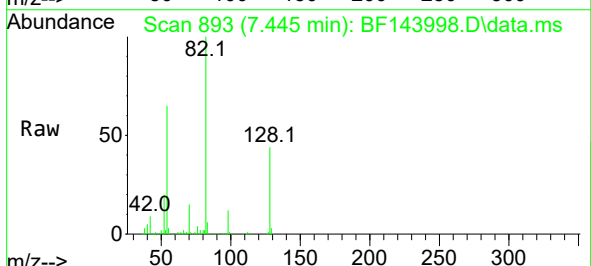
Instrument :
BNA_F
ClientSampleId :
PB170165BL

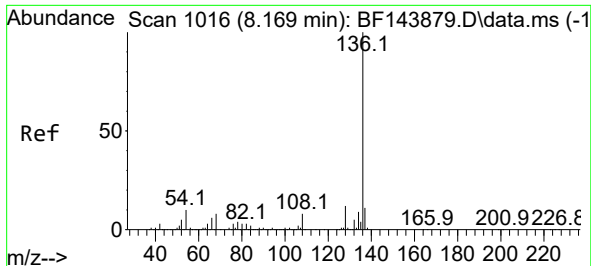
Tgt Ion: 99 Resp: 1262662
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 35.1 27.8 41.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Tgt Ion: 70 Resp: 117633
Ion Ratio Lower Upper
70 100
42 62.3 62.8 94.2#
101 0.0 6.7 10.1#
130 1.9 13.0 19.4#

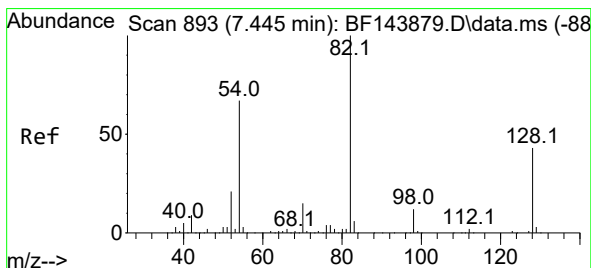
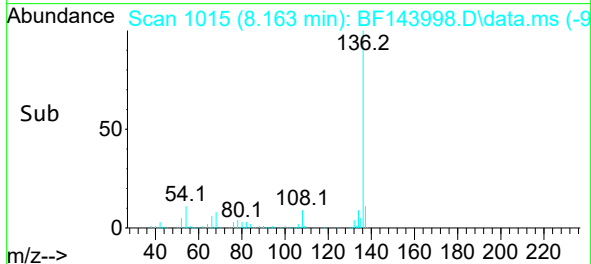
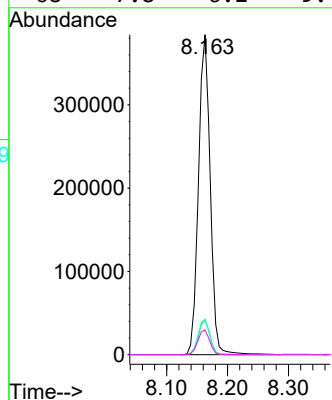
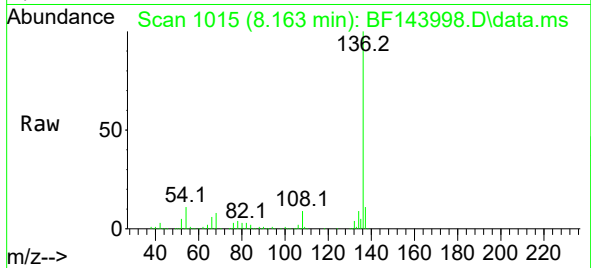




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

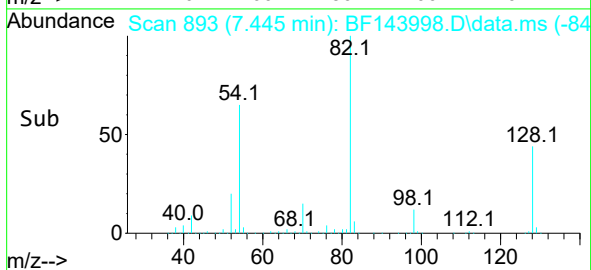
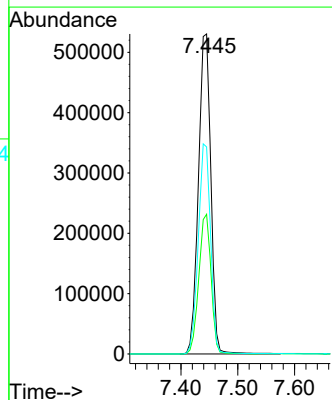
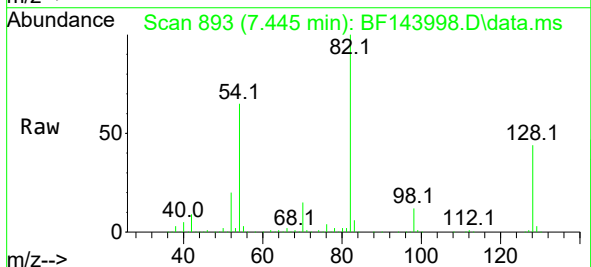
Instrument :
BNA_F
ClientSampleId :
PB170165BL

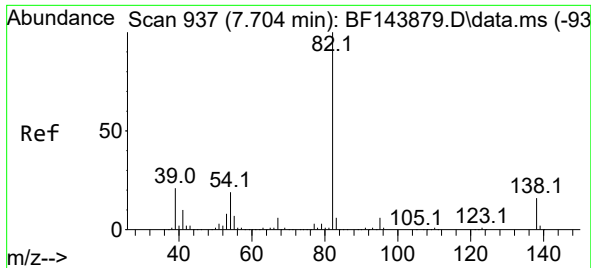
Tgt Ion:136 Resp: 512745
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.1 8.2 12.4
68 7.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 95.93 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

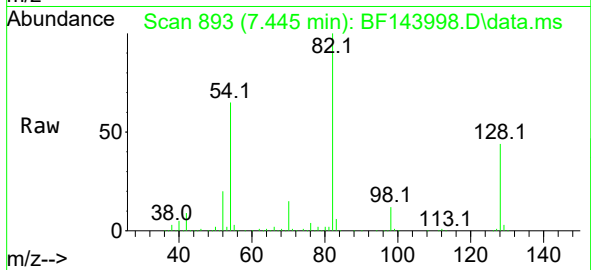
Tgt Ion: 82 Resp: 809626
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 64.7 53.2 79.8



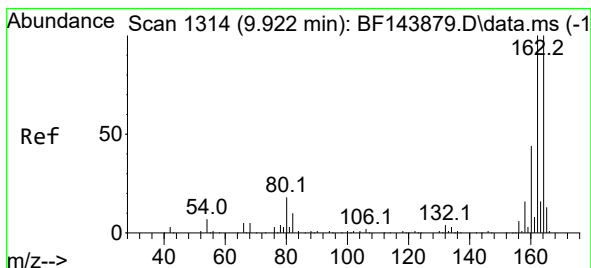
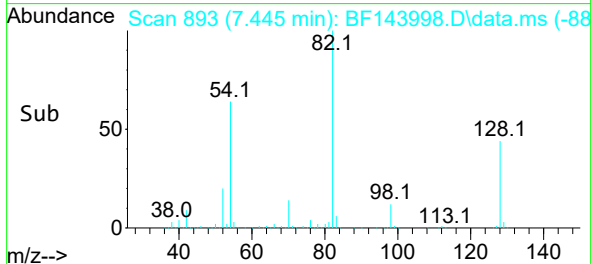
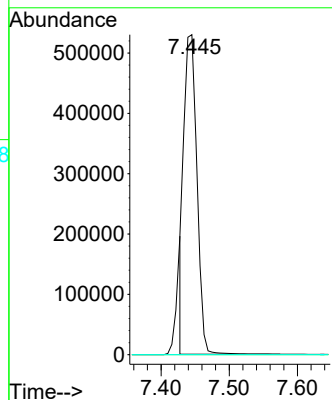


#25
Isophorone
Concen: 39.39 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Instrument :
BNA_F
ClientSampleId :
PB170165BL

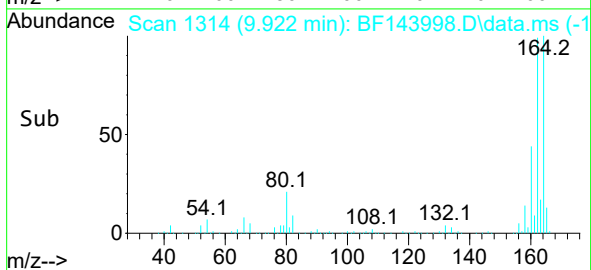
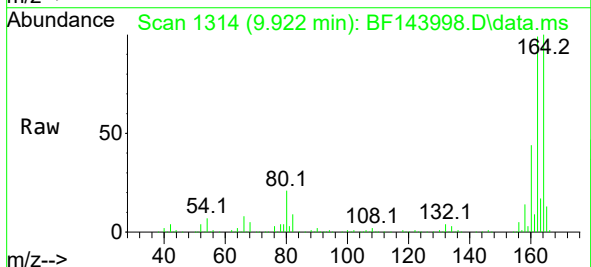
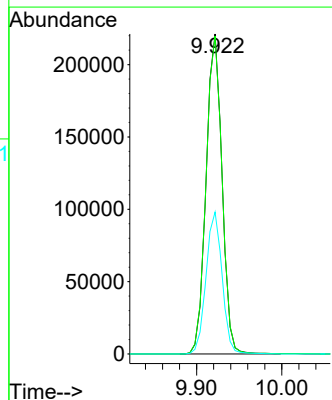


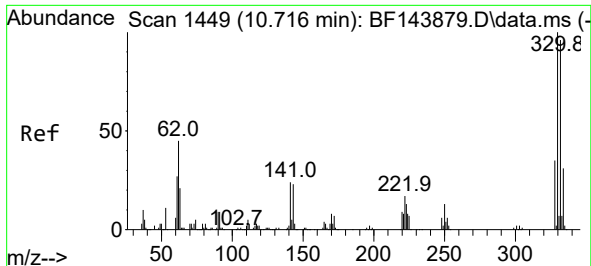
Tgt Ion: 82 Resp: 701038
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

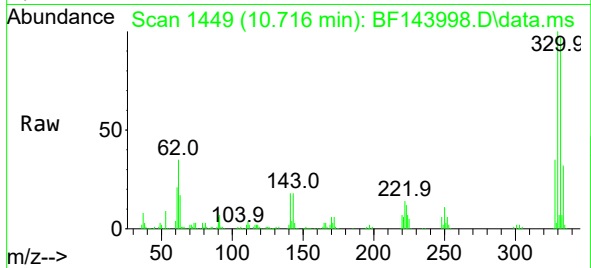
Tgt Ion:164 Resp: 286771
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 44.3 35.4 53.0



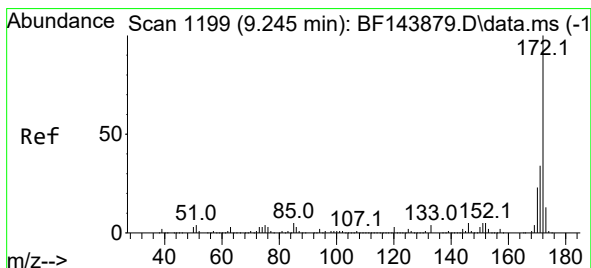
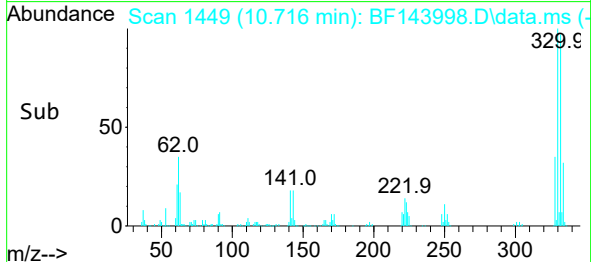
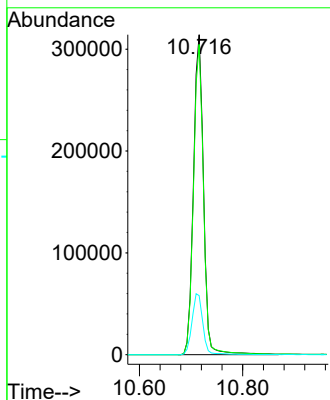


#42
 2,4,6-Tribromophenol
 Concen: 148.66 ng
 RT: 10.716 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF143998.D
 Acq: 20 Oct 2025 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB170165BL

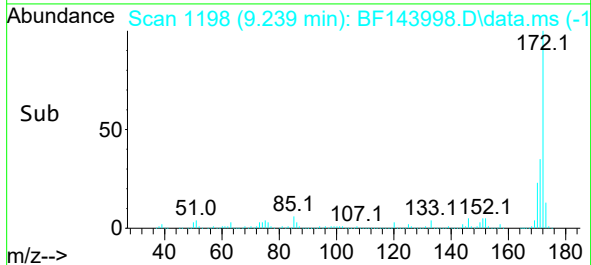
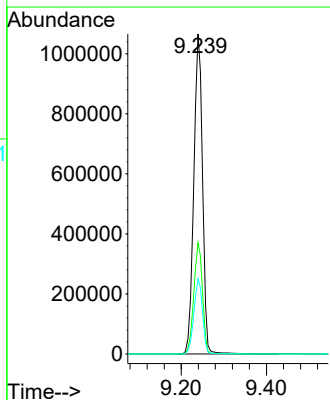
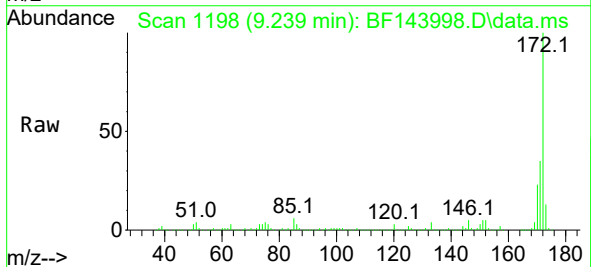


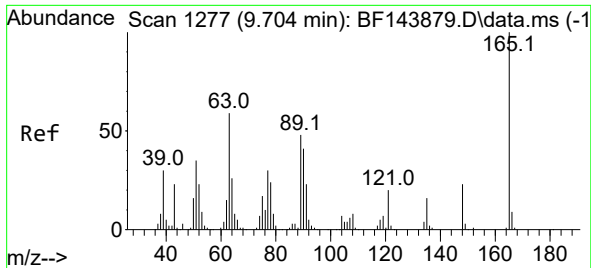
Tgt Ion:330 Resp: 424612
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 20.6 20.2 30.4



#45
 2-Fluorobiphenyl
 Concen: 83.82 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF143998.D
 Acq: 20 Oct 2025 13:57

Tgt Ion:172 Resp: 1514889
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.4 41.0
 170 23.4 18.6 28.0

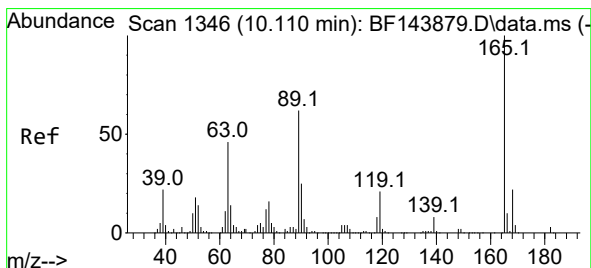
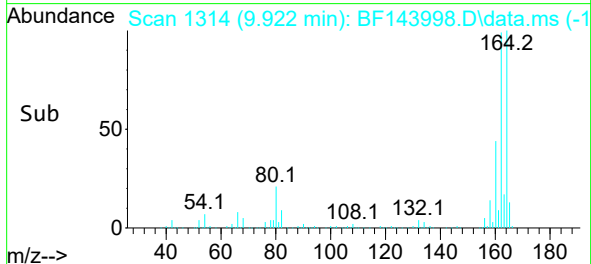
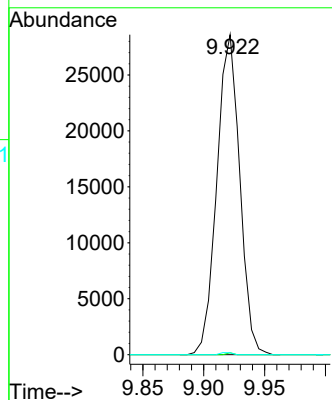
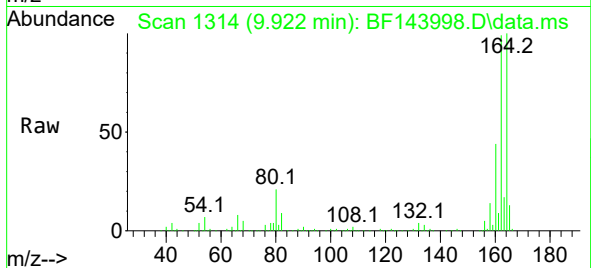




#51
2,6-Dinitrotoluene
Concen: 11.07 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

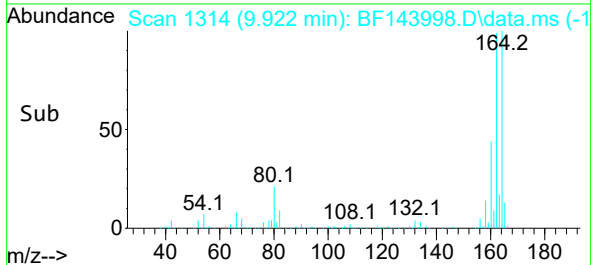
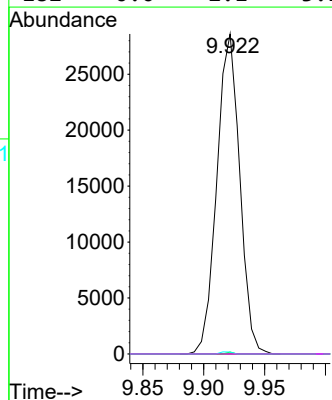
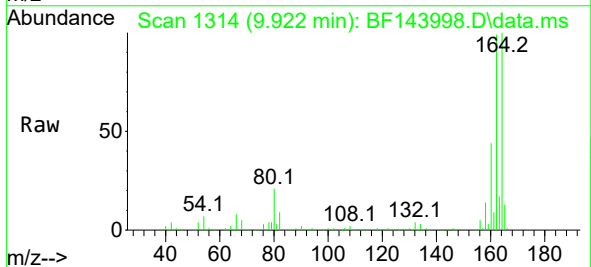
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ClientSampleId :
PB170165BL

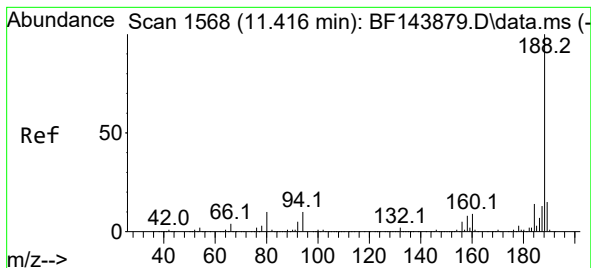
Tgt Ion:165 Resp: 37367
Ion Ratio Lower Upper
165 100
63 0.6 47.3 70.9#
89 0.6 38.2 57.4#



#57
2,4-Dinitrotoluene
Concen: 8.13 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Tgt Ion:165 Resp: 37367
Ion Ratio Lower Upper
165 100
63 0.6 37.2 55.8#
89 0.6 49.4 74.2#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143998.D

Acq: 20 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

PB170165BL

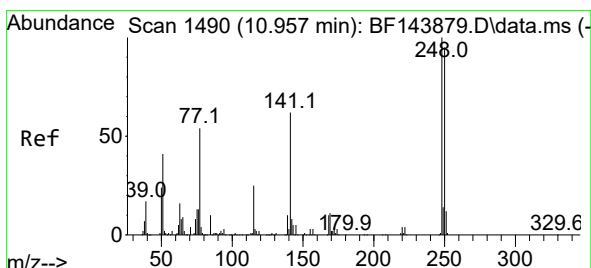
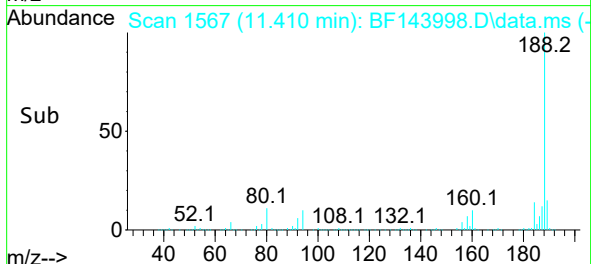
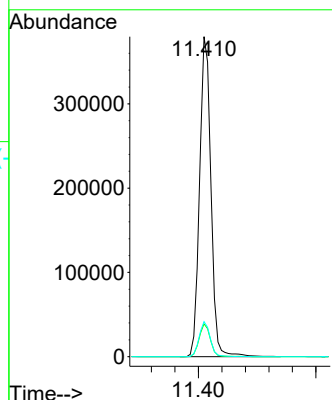
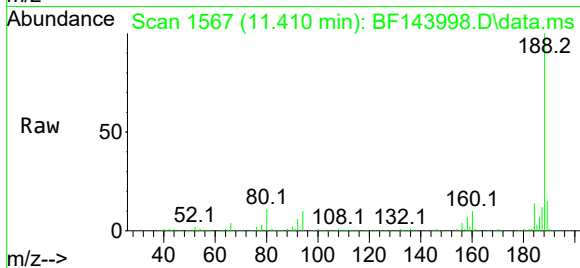
Tgt Ion:188 Resp: 507389

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 11.0 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.39 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF143998.D

Acq: 20 Oct 2025 13:57

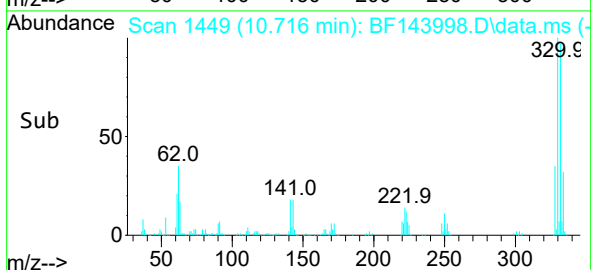
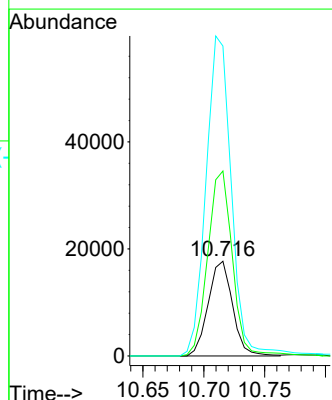
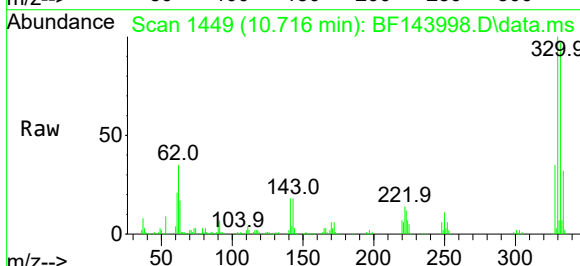
Tgt Ion:248 Resp: 24637

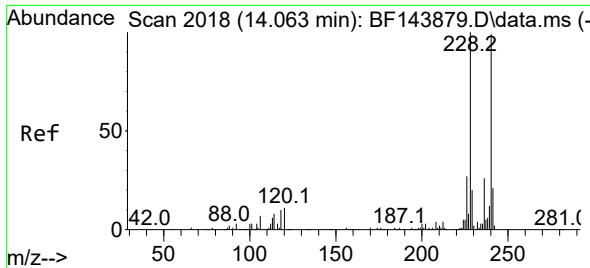
Ion Ratio Lower Upper

248 100

250 195.3 76.3 114.5#

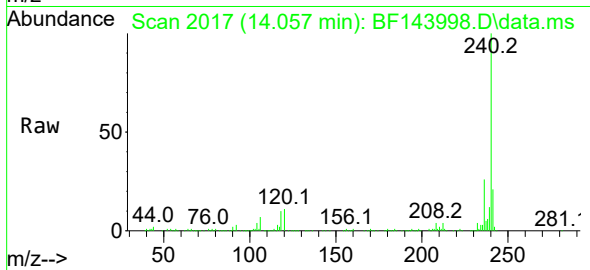
141 327.2 49.7 74.5#



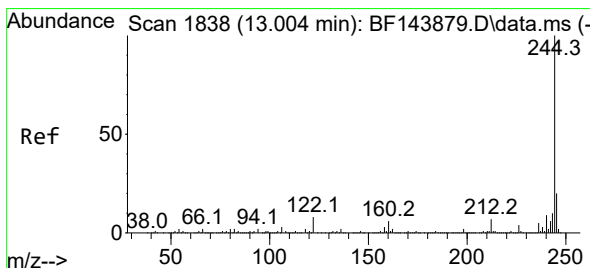
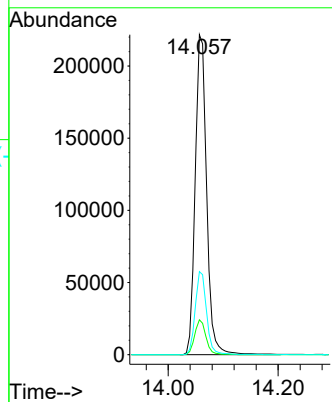
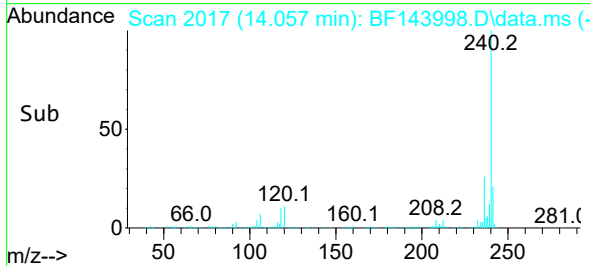


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

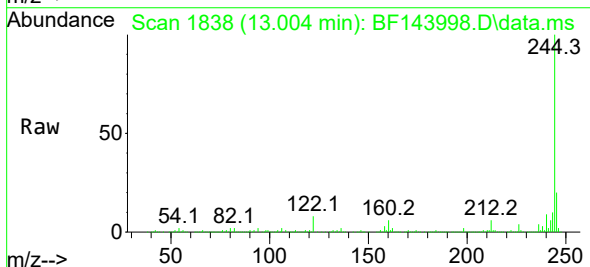
Instrument :
BNA_F
ClientSampleId :
PB170165BL



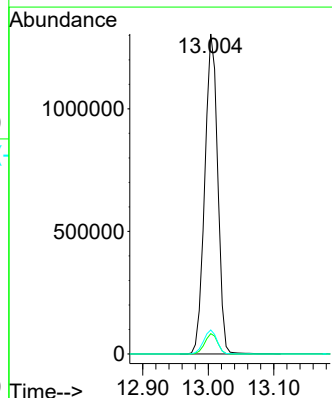
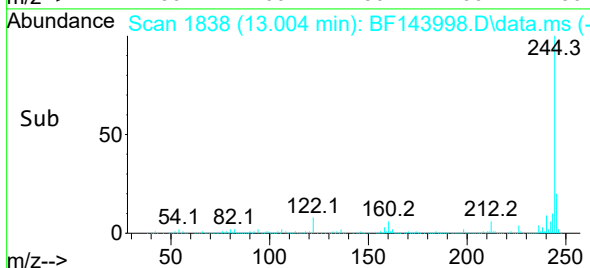
Tgt Ion:240 Resp: 319613
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.0 21.1 31.7

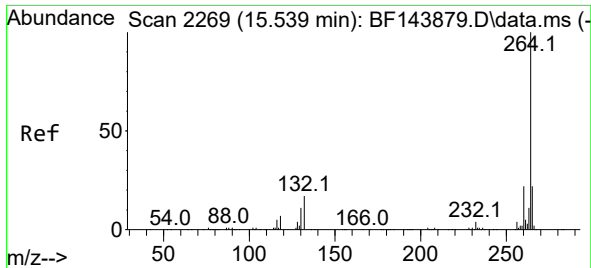


#79
Terphenyl-d14
Concen: 95.84 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57



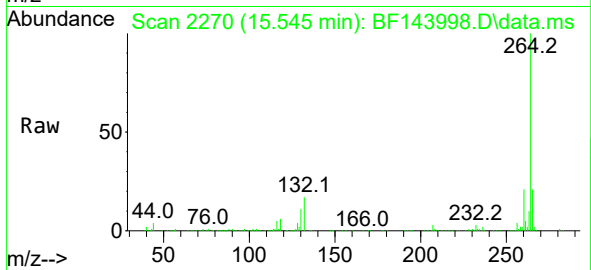
Tgt Ion:244 Resp: 1792209
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 7.5 6.4 9.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF143998.D
 Acq: 20 Oct 2025 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB170165BL



Tgt Ion:264 Resp: 267338
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.8 26.8
 265 20.5 17.5 26.3

