

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144199.D
 Acq On : 11 Nov 2025 13:07
 Operator : RC/JU
 Sample : PB170478BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170478BL

Quant Time: Nov 11 13:46:23 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)

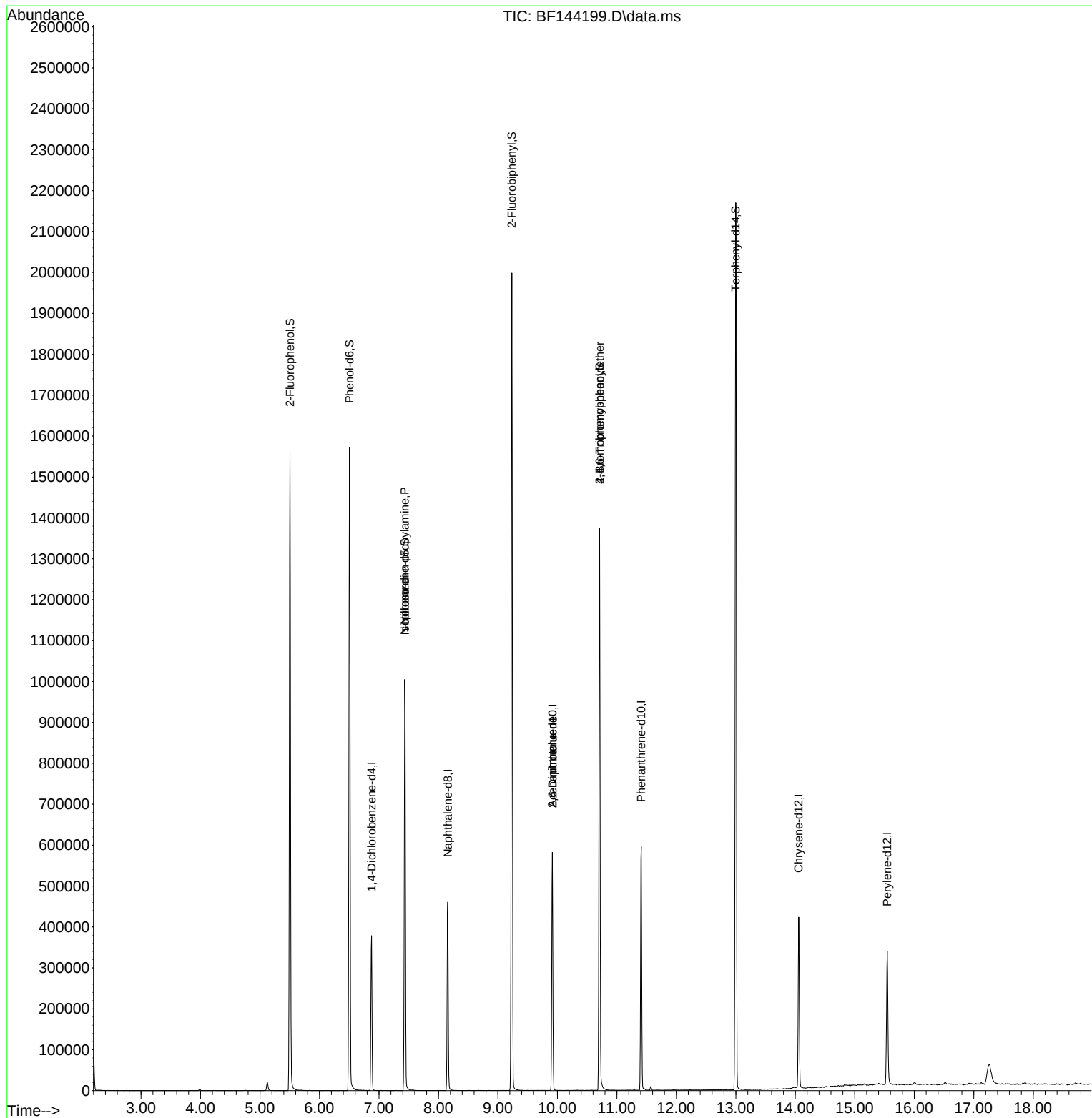
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80148	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308933	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	180668	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336603	20.000	ng	0.00
76) Chrysene-d12	14.057	240	225293	20.000	ng	0.00
86) Perylene-d12	15.545	264	226985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	588374	114.879	ng	0.01
7) Phenol-d6	6.504	99	684658	117.978	ng	0.00
23) Nitrobenzene-d5	7.434	82	443974	83.001	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284869	125.649	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	975916	79.780	ng	0.00
79) Terphenyl-d14	12.998	244	1198876	84.526	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	64510	16.886	ng	# 79
25) Isophorone	7.434	82	443970	43.880	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	22262	9.188	ng	# 27
57) 2,4-Dinitrotoluene	9.916	165	22262	6.864	ng	# 28
67) 4-Bromophenyl-phenylether	10.710	248	16089	3.745	ng	# 1

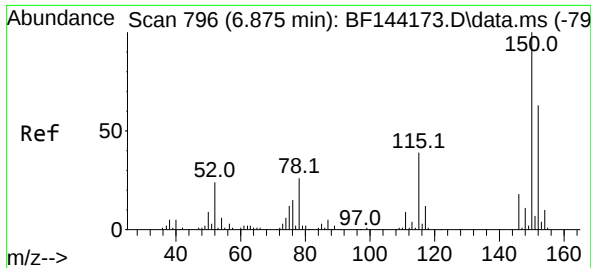
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144199.D
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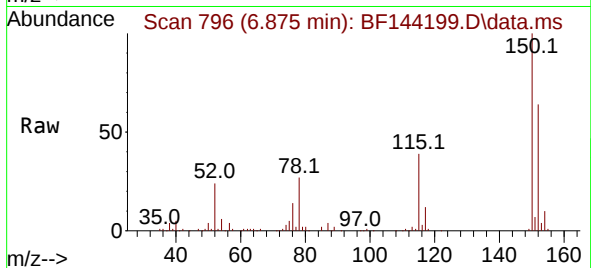
Quant Time: Nov 11 13:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



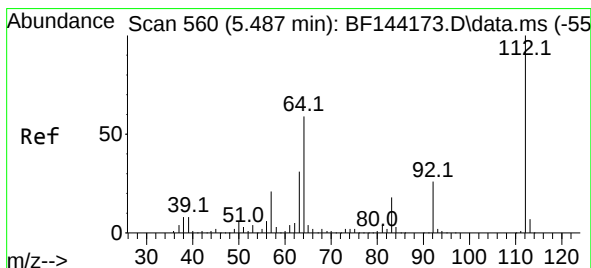
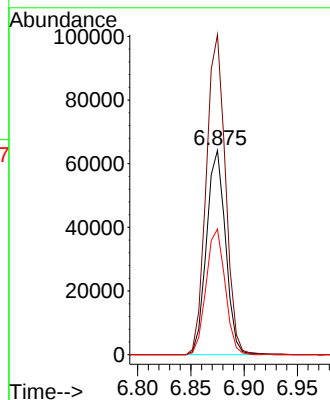
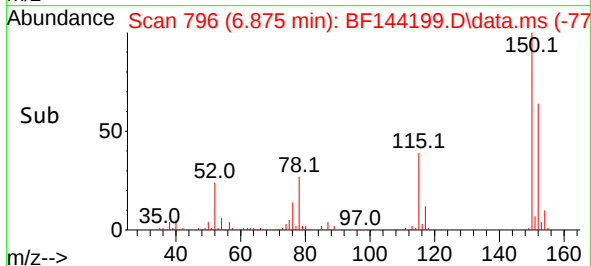


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

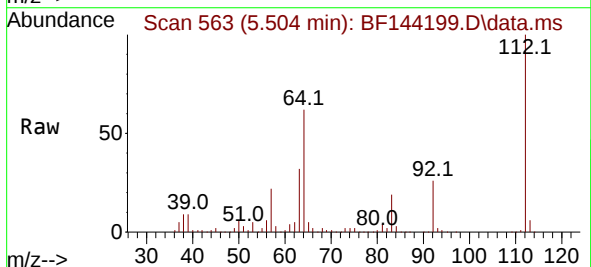
Instrument :
BNA_F
ClientSampleId :
PB170478BL



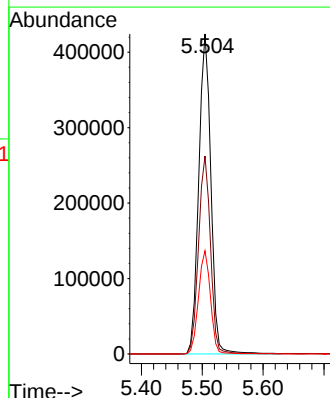
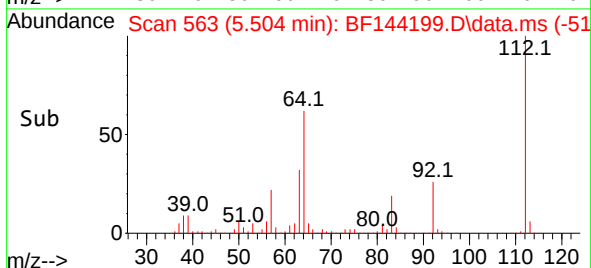
Tgt Ion:152 Resp: 80148
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 61.5 49.5 74.3

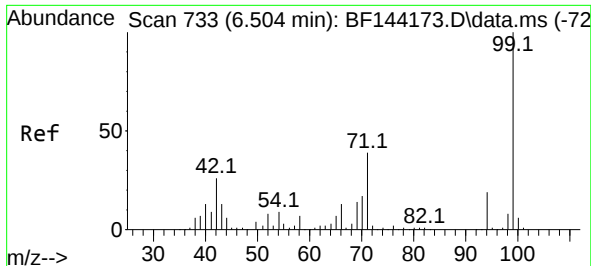


#5
2-Fluorophenol
Concen: 114.879 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07



Tgt Ion:112 Resp: 588374
Ion Ratio Lower Upper
112 100
64 61.9 47.2 70.8
63 32.3 24.4 36.6

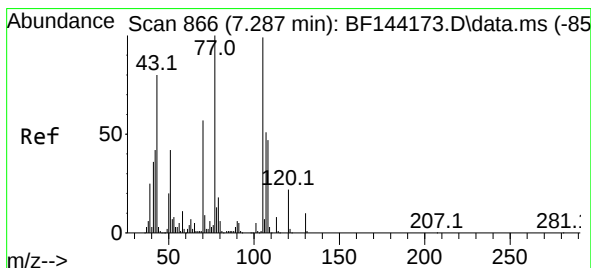
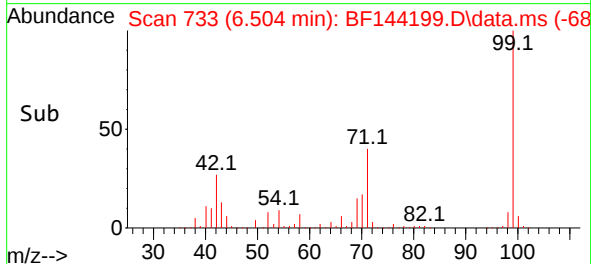
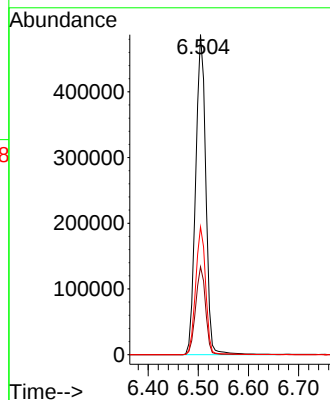
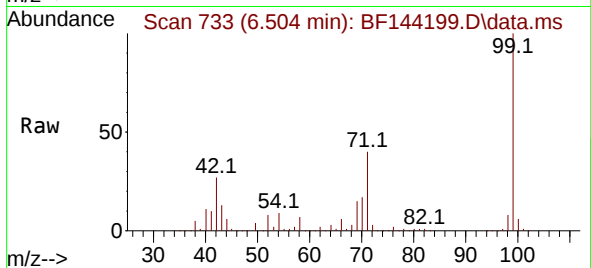




#7
Phenol-d6
Concen: 117.978 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

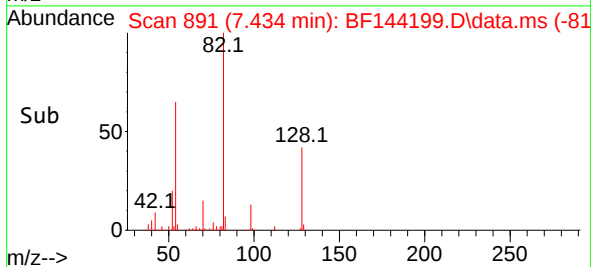
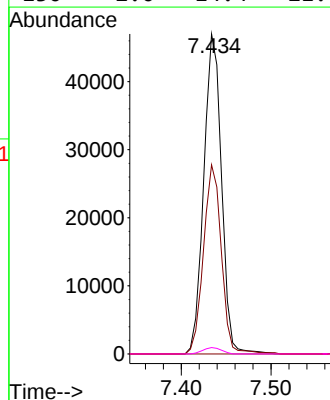
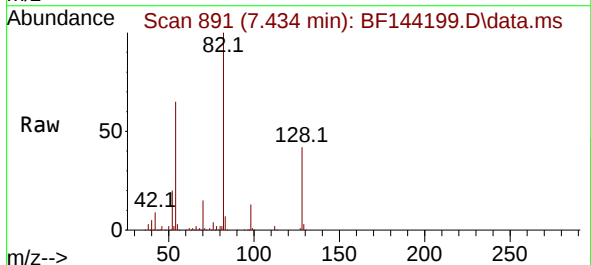
Instrument :
BNA_F
ClientSampleId :
PB170478BL

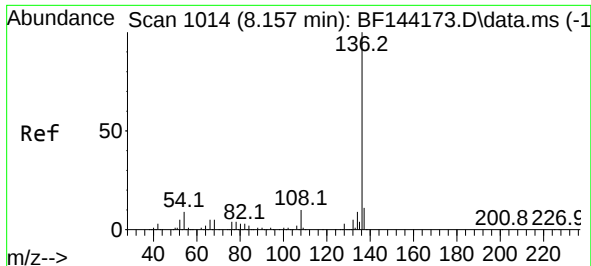
Tgt Ion: 99 Resp: 684658
Ion Ratio Lower Upper
99 100
42 27.5 20.9 31.3
71 39.9 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.886 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion: 70 Resp: 64510
Ion Ratio Lower Upper
70 100
42 59.1 58.3 87.5
101 0.0 7.0 10.6#
130 2.0 14.4 21.6#

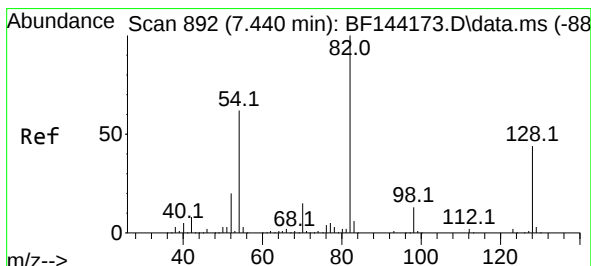
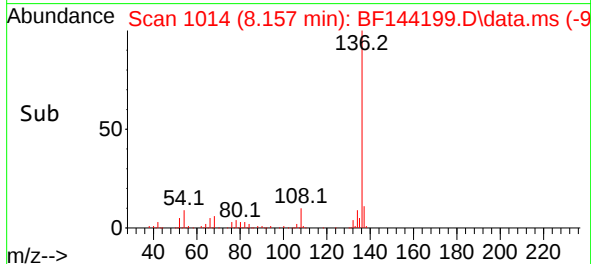
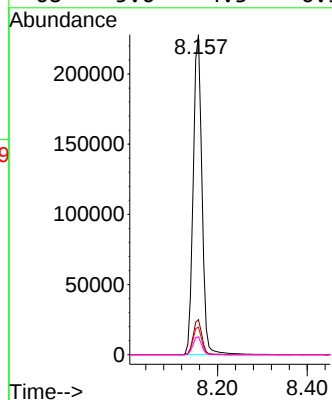
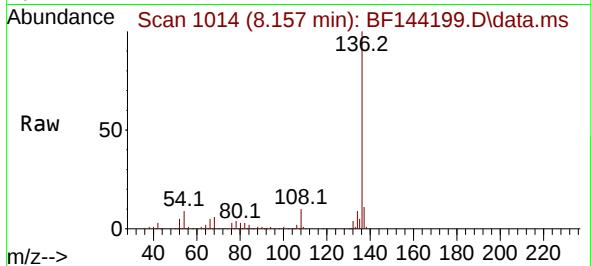




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

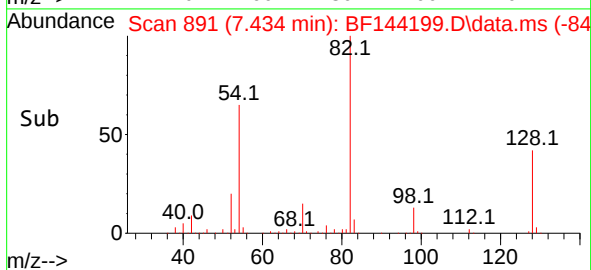
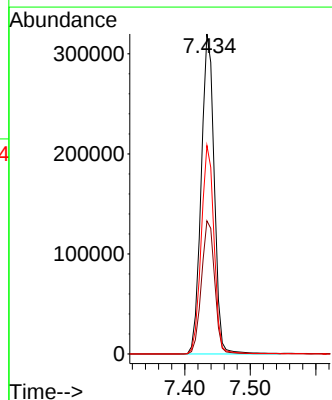
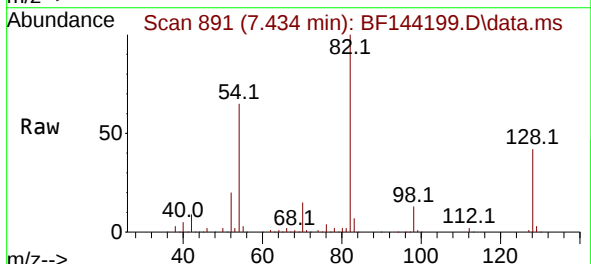
Instrument :
BNA_F
ClientSampleId :
PB170478BL

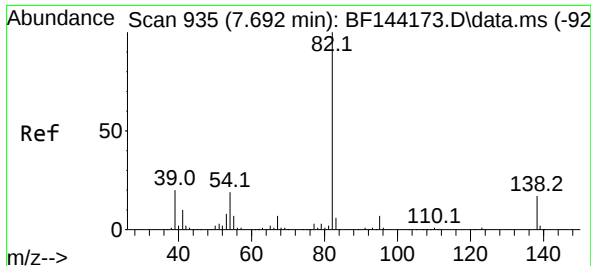
Tgt Ion:136 Resp: 308933
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.0 10.6
68 5.6 4.3 6.5



#23
Nitrobenzene-d5
Concen: 83.001 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

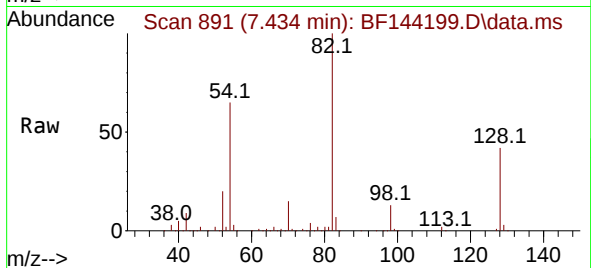
Tgt Ion: 82 Resp: 443974
Ion Ratio Lower Upper
82 100
128 41.6 34.7 52.1
54 65.2 49.5 74.3



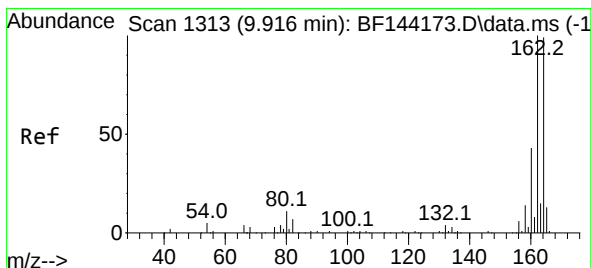
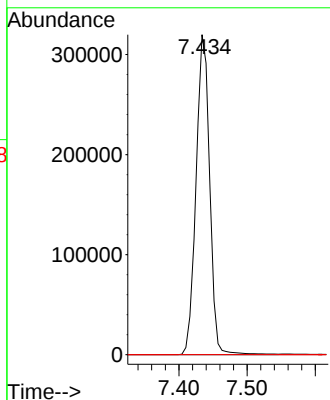
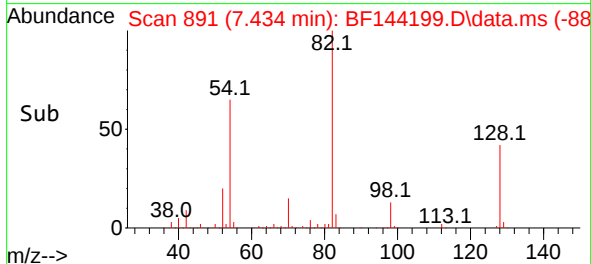


#25
Isophorone
Concen: 43.880 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.253 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

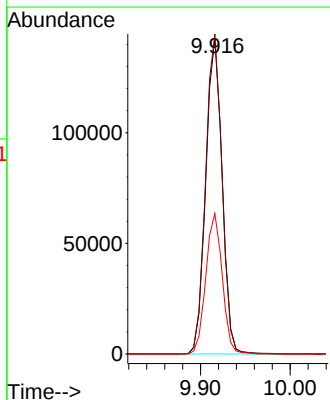
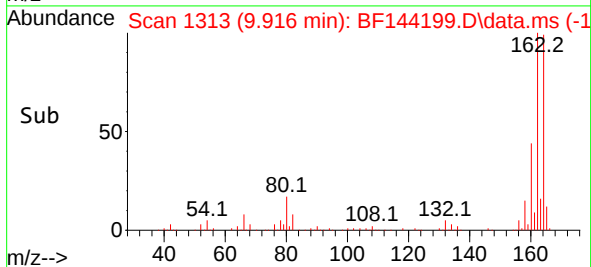
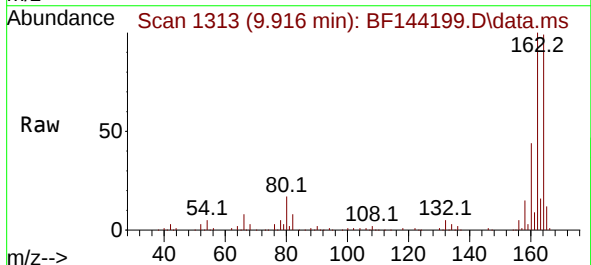


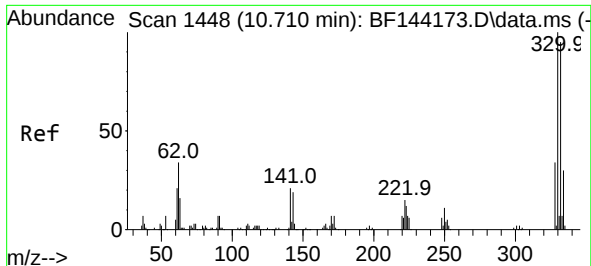
Tgt Ion: 82 Resp: 443970
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

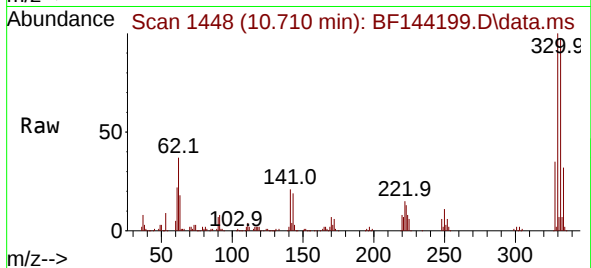
Tgt Ion:164 Resp: 180668
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 44.6 34.5 51.7



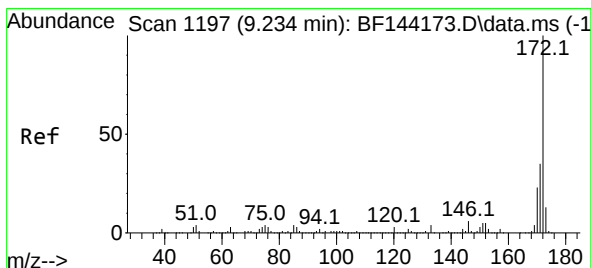
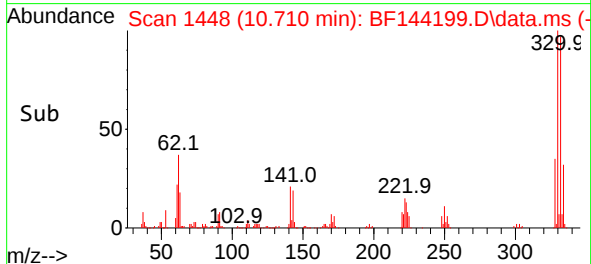
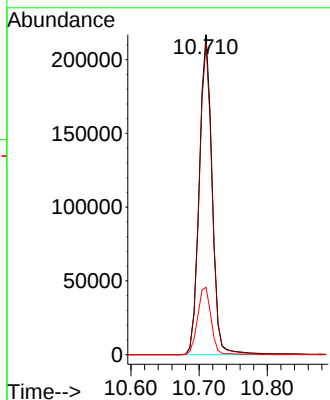


#42
2,4,6-Tribromophenol
Concen: 125.649 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

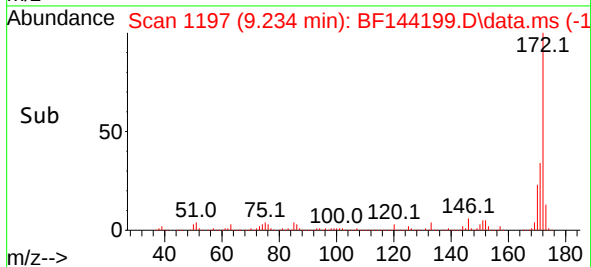
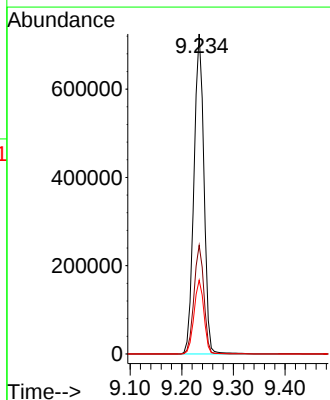
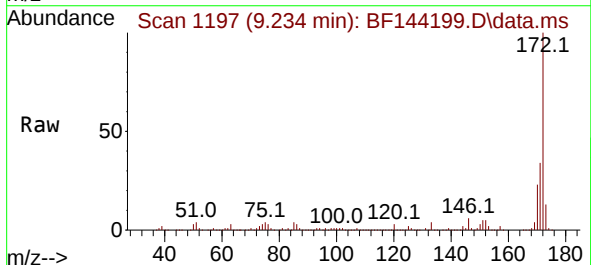


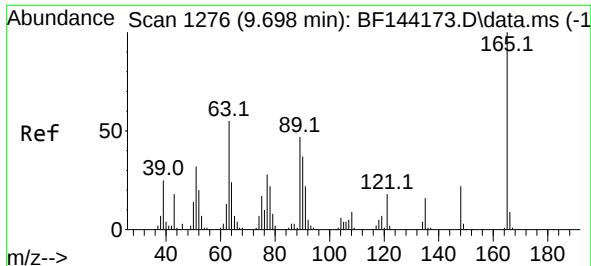
Tgt Ion: 330 Resp: 284869
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 22.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 79.780 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Tgt Ion: 172 Resp: 975916
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 23.1 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 9.188 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.224 min

Lab File: BF144199.D

Acq: 11 Nov 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB170478BL

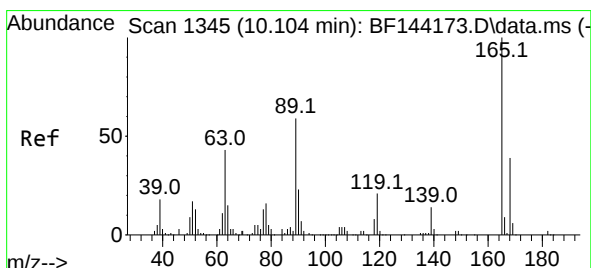
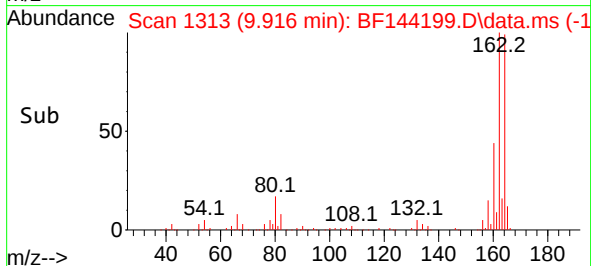
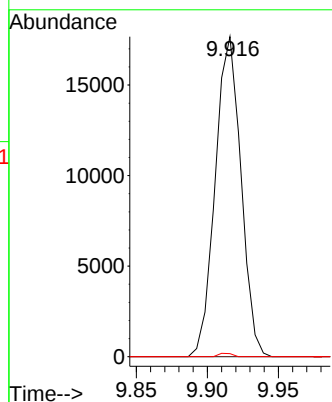
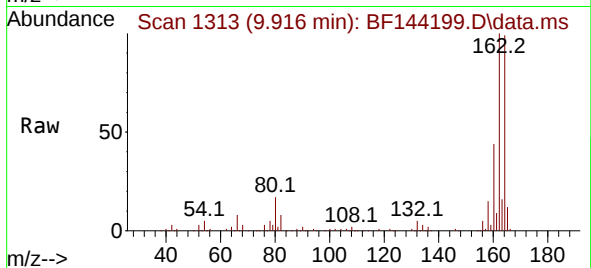
Tgt Ion:165 Resp: 22262

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

89 1.0 37.5 56.3#



#57

2,4-Dinitrotoluene

Concen: 6.864 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.182 min

Lab File: BF144199.D

Acq: 11 Nov 2025 13:07

Tgt Ion:165 Resp: 22262

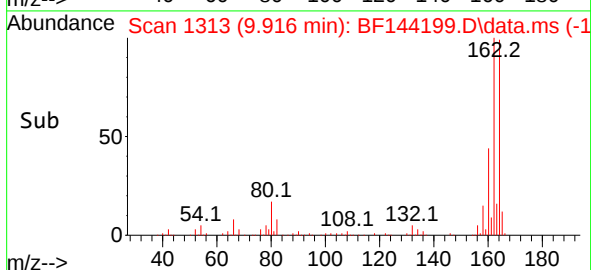
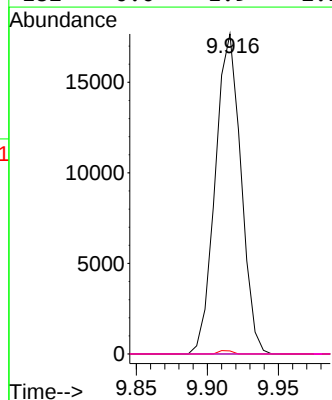
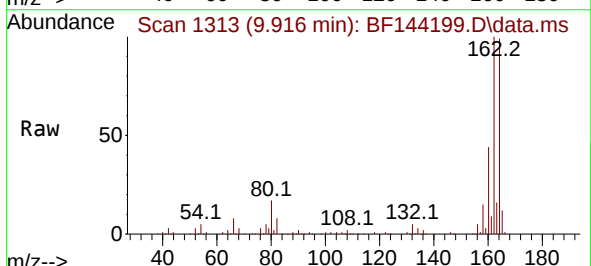
Ion Ratio Lower Upper

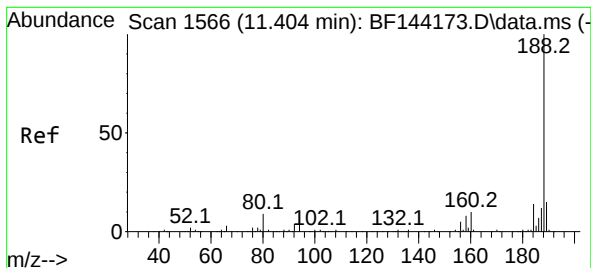
165 100

63 0.0 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: 11.410 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144199.D

Acq: 11 Nov 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB170478BL

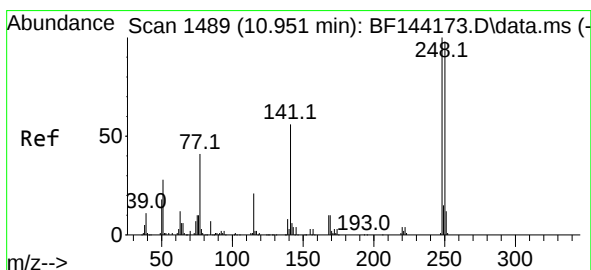
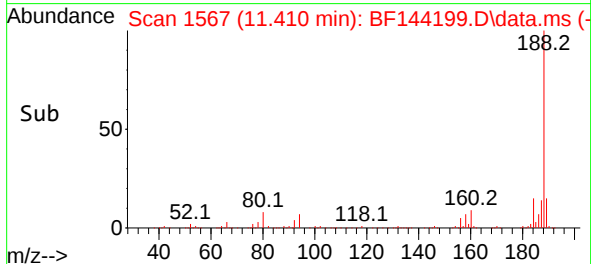
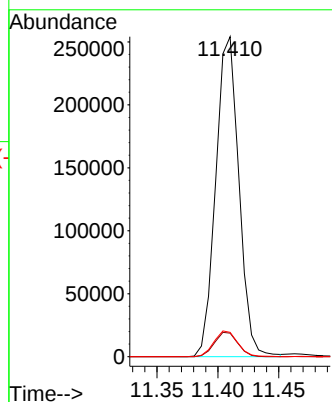
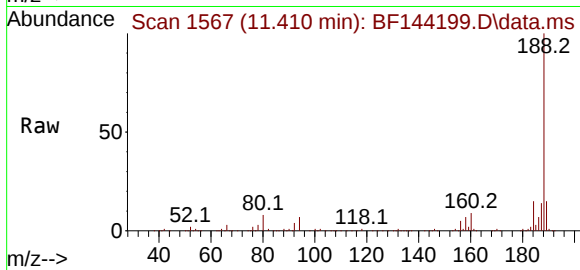
Tgt Ion:188 Resp: 336603

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 7.6 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 3.745 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.235 min

Lab File: BF144199.D

Acq: 11 Nov 2025 13:07

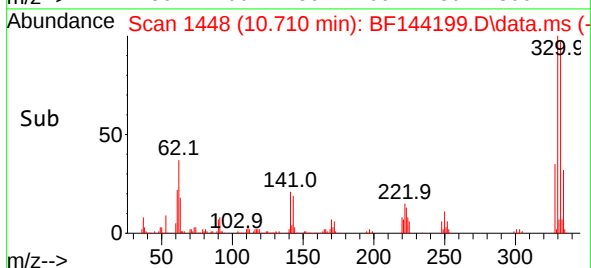
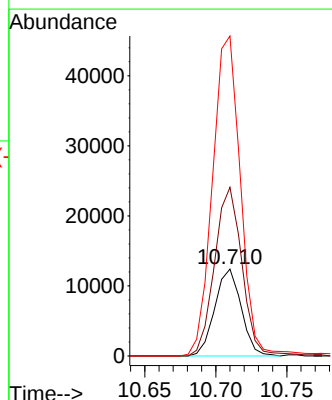
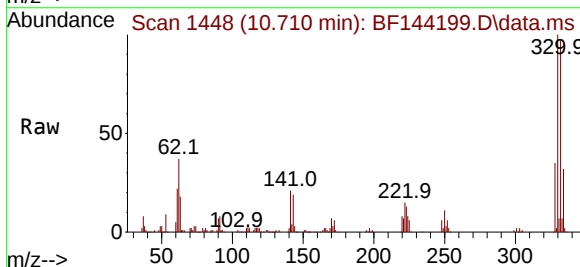
Tgt Ion:248 Resp: 16089

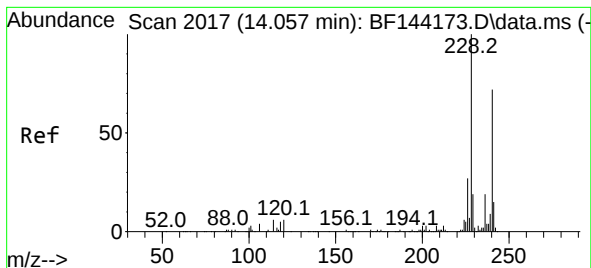
Ion Ratio Lower Upper

248 100

250 194.2 78.4 117.6#

141 368.5 45.1 67.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144199.D

Acq: 11 Nov 2025 13:07

Instrument :

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ClientSampleId :

PB170478BL

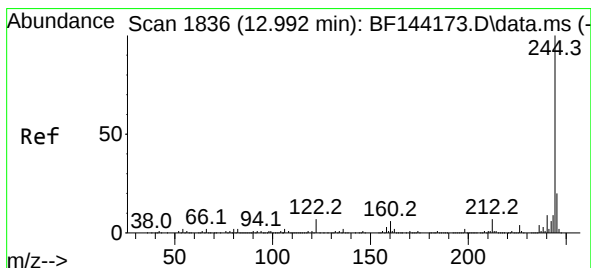
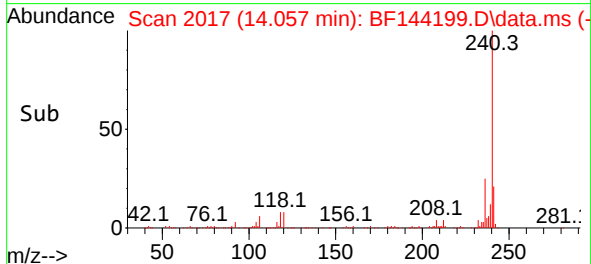
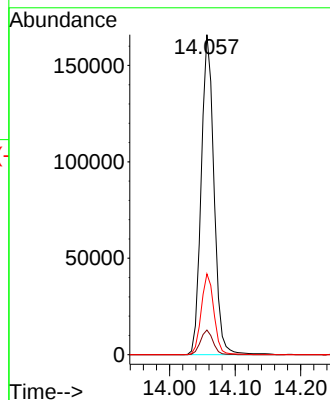
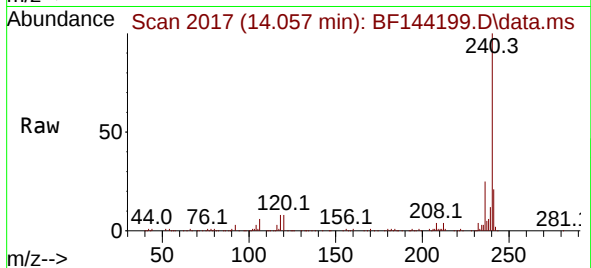
Tgt Ion:240 Resp: 225293

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

236 25.2 21.4 32.2



#79

Terphenyl-d14

Concen: 84.526 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF144199.D

Acq: 11 Nov 2025 13:07

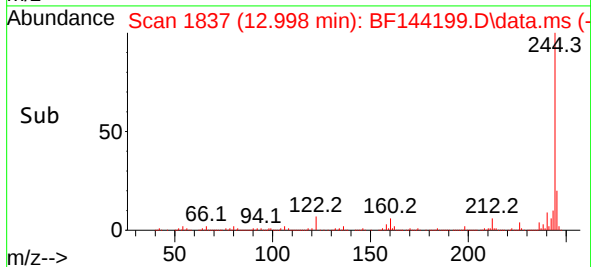
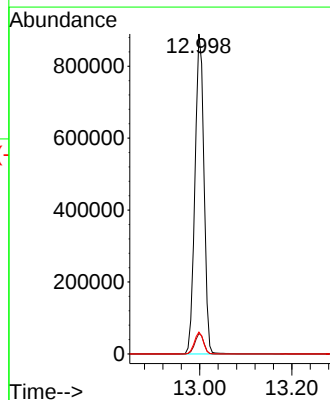
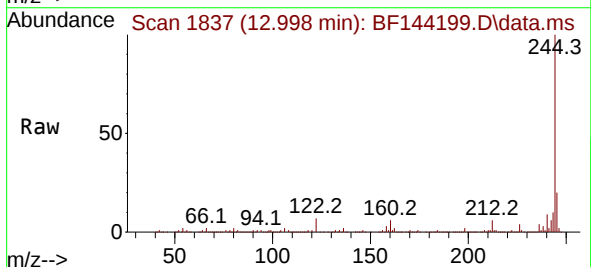
Tgt Ion:244 Resp: 1198876

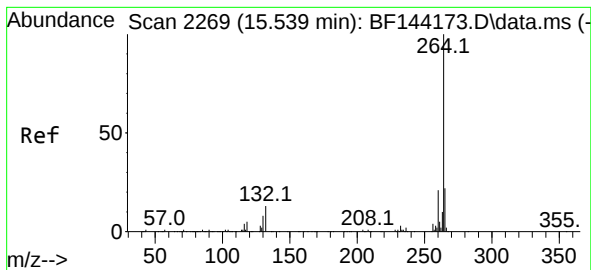
Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 6.8 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144199.D
Acq: 11 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170478BL

Tgt Ion:264 Resp: 226985

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.1	25.7
265	21.4	17.4	26.0

