

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138497.D
 Acq On : 10 Jul 2024 12:54
 Operator : CG\JU
 Sample : PB161493BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161493BL

Quant Time: Jul 10 13:46:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

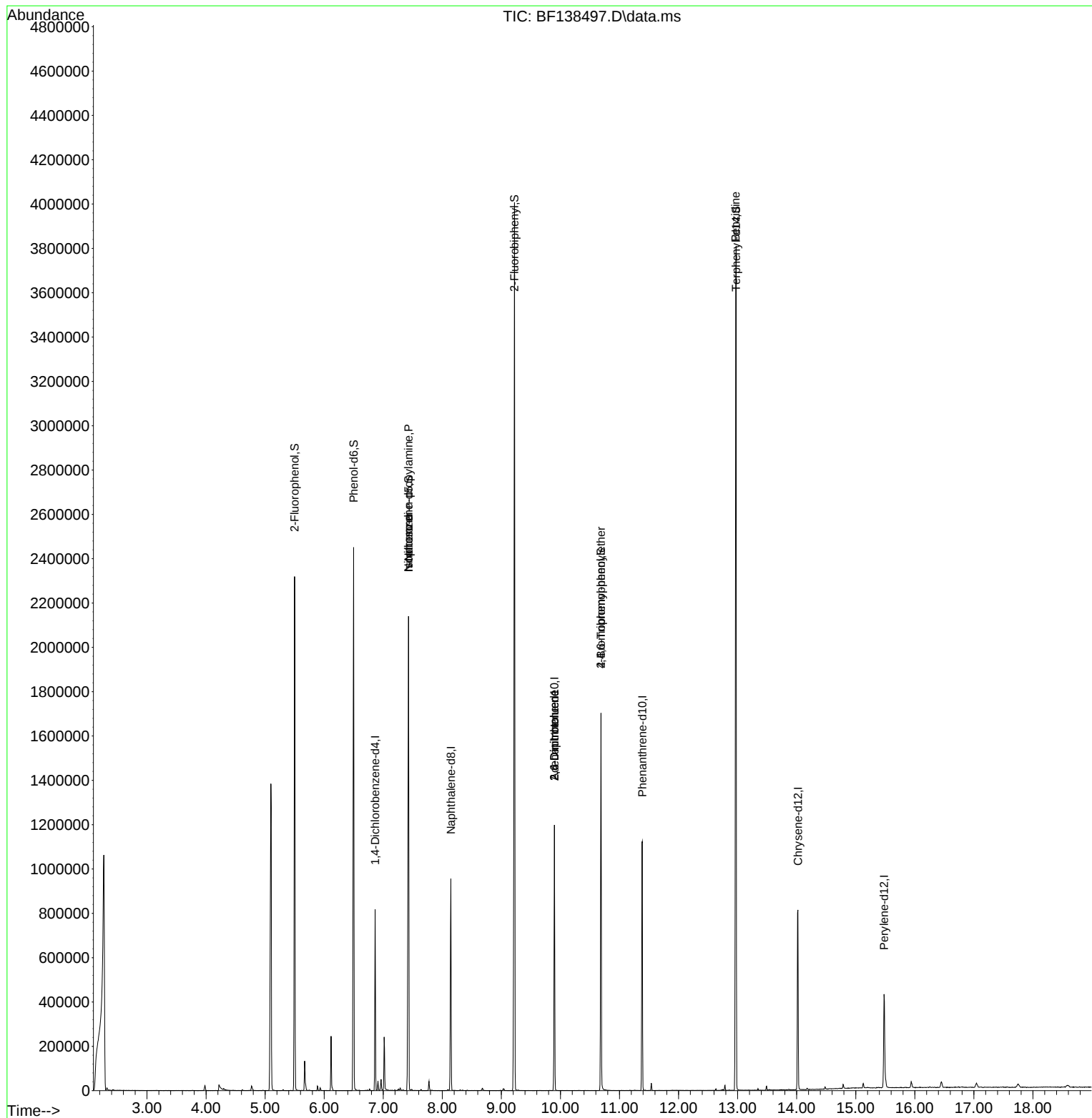
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	98921	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	405082	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	220340	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	427080	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	274271	20.000	ng	0.00
86) Perylene-d12	15.480	264	202949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	537525	86.059	ng	0.00
7) Phenol-d6	6.498	99	729033	87.740	ng	0.00
23) Nitrobenzene-d5	7.428	82	710593	86.127	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	170740	82.912	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1249254	88.611	ng	0.00
79) Terphenyl-d14	12.974	244	1448712	86.051	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	97397	18.970	ng	# 76
25) Isophorone	7.428	82	710588	50.152	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	28517	8.693	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	28517	6.719	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	11761	2.679	ng	# 1
77) Benzidine	12.968	184	19424	2.807	ng	# 89

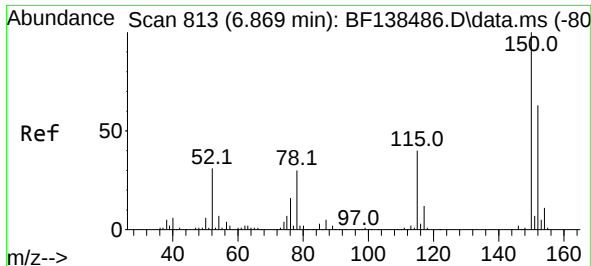
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
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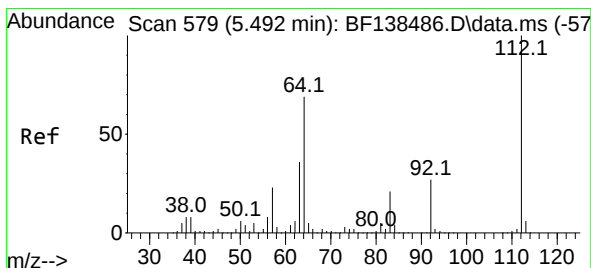
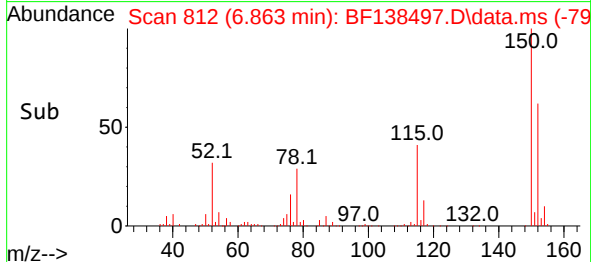
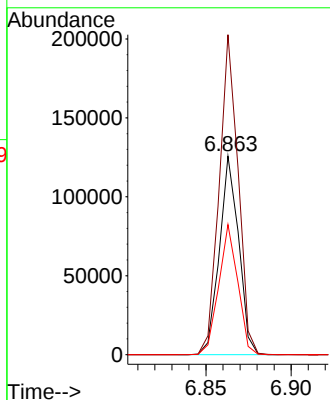
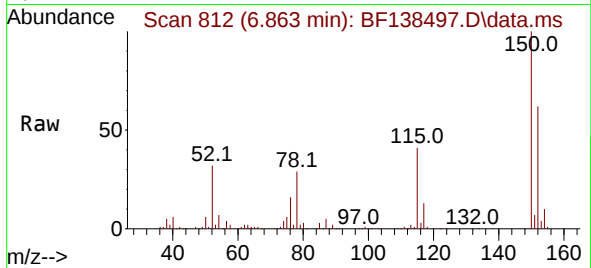




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

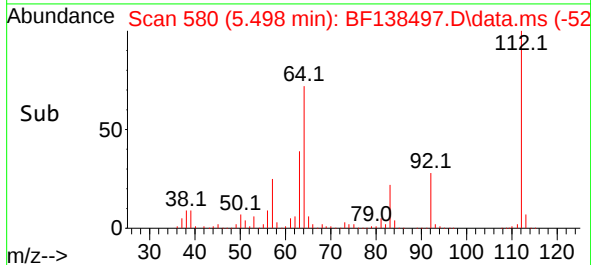
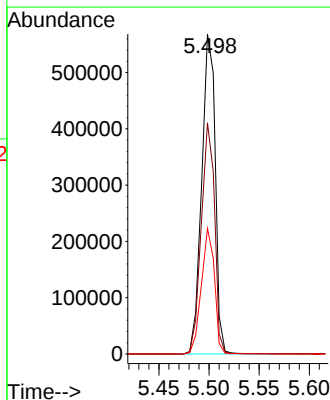
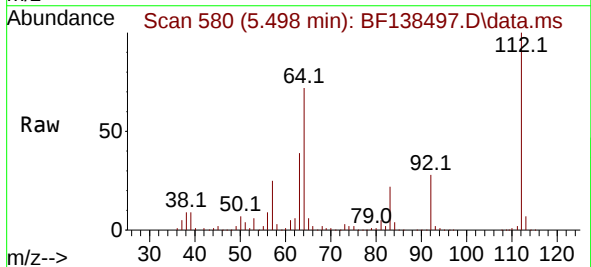
Instrument :
BNA_F
ClientSampleId :
PB161493BL

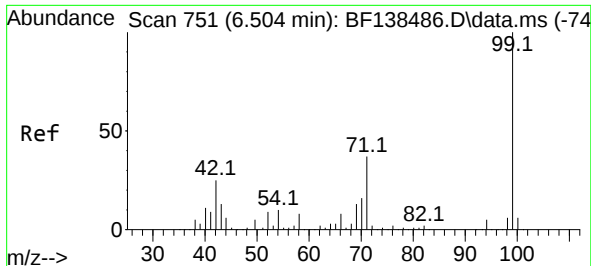
Tgt Ion:152 Resp: 98921
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.4
115 65.5 50.3 75.5



#5
2-Fluorophenol
Concen: 86.059 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

Tgt Ion:112 Resp: 537525
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 39.3 29.0 43.6

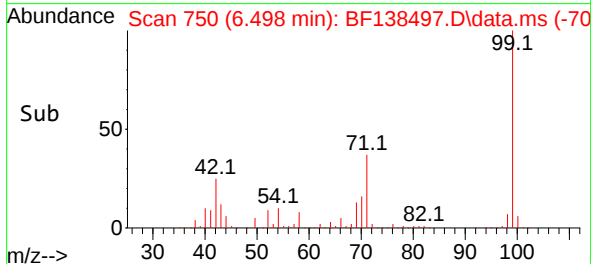
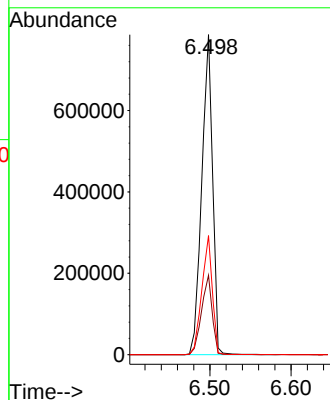
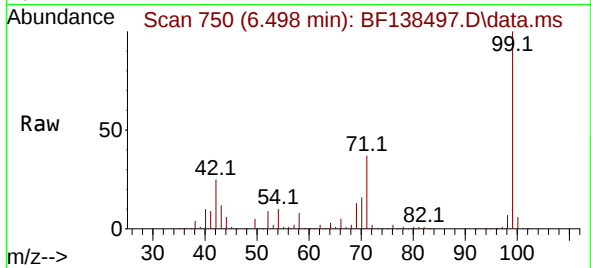




#7
Phenol-d6
Concen: 87.740 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

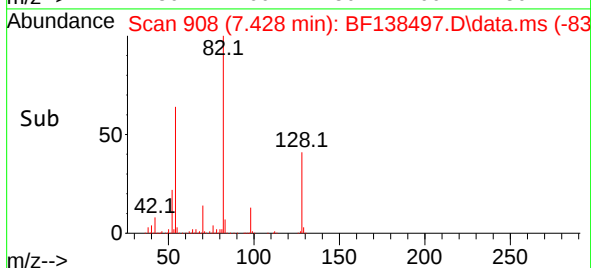
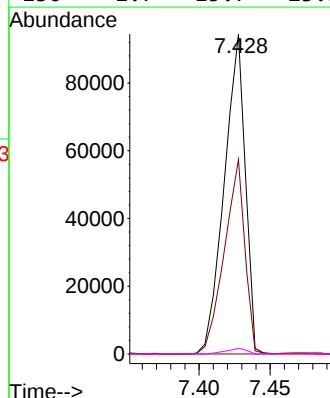
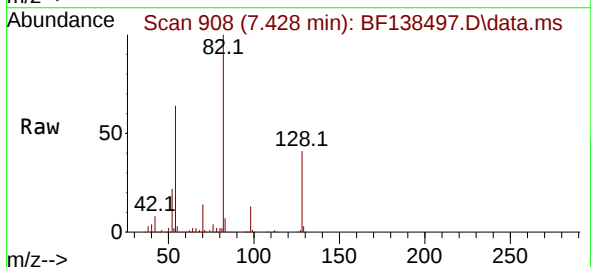
Instrument :
BNA_F
ClientSampleId :
PB161493BL

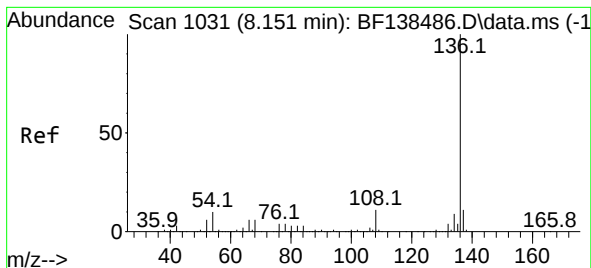
Tgt Ion: 99 Resp: 729033
Ion Ratio Lower Upper
99 100
42 24.8 19.7 29.5
71 37.2 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.970 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

Tgt Ion: 70 Resp: 97397
Ion Ratio Lower Upper
70 100
42 60.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.7 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB161493BL

Tgt Ion:136 Resp: 405082

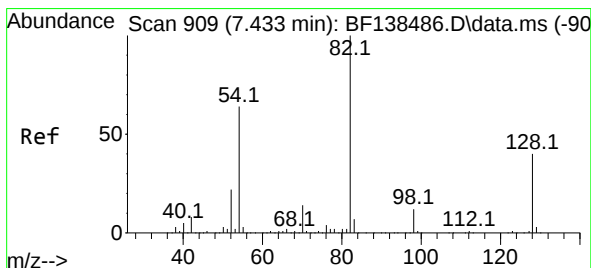
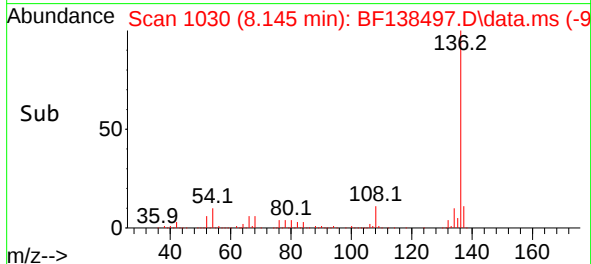
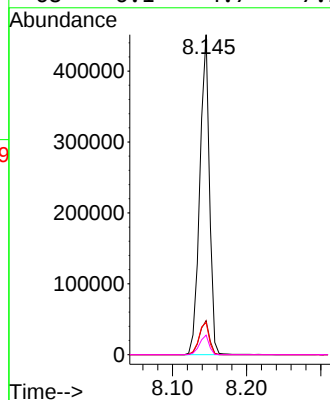
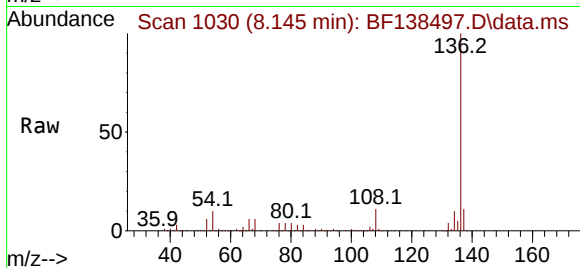
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.1 8.1 12.1

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 86.127 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

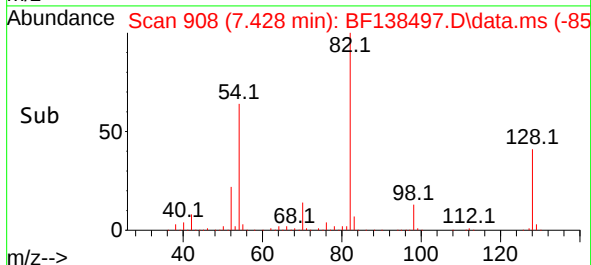
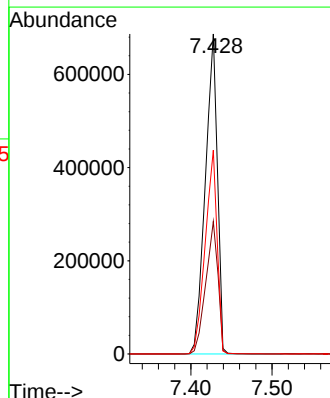
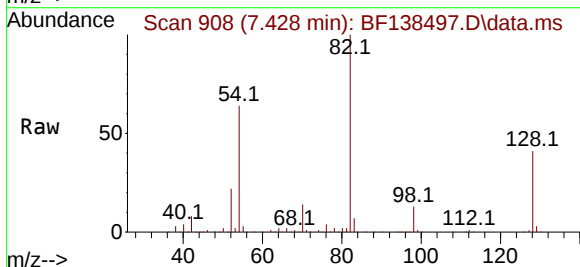
Tgt Ion: 82 Resp: 710593

Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 63.7 51.4 77.0

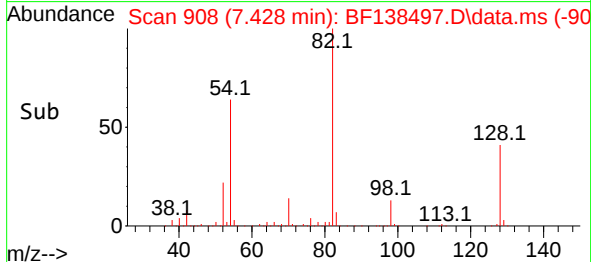
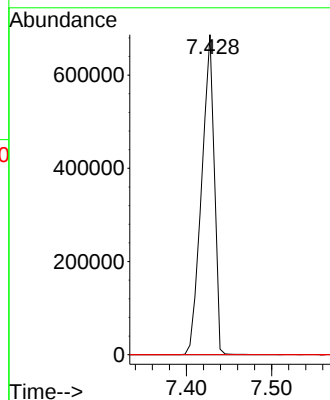
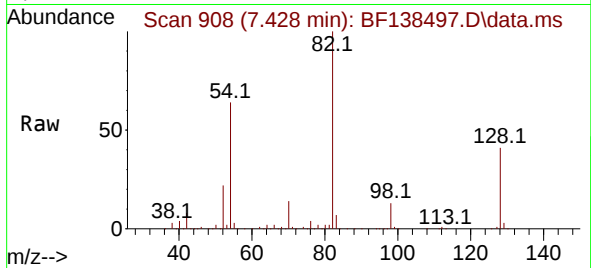




#25
Isophorone
Concen: 50.152 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

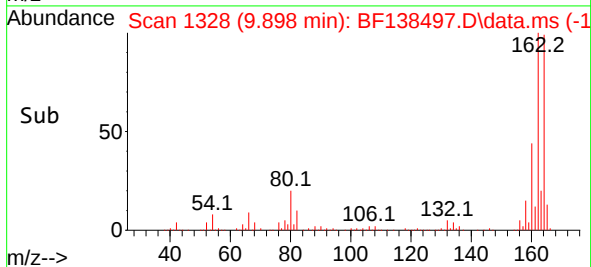
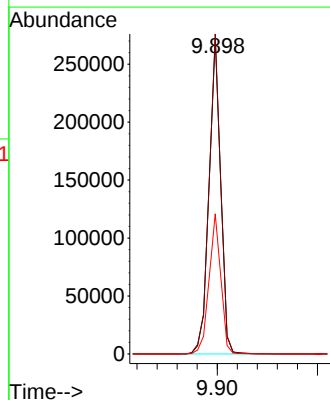
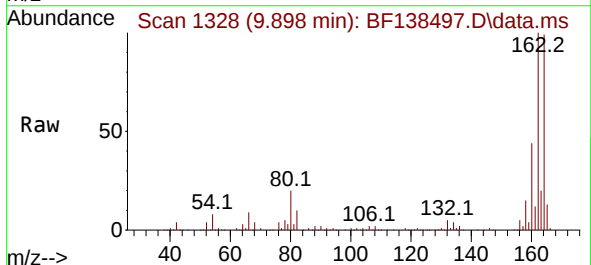
Instrument :
BNA_F
ClientSampleId :
PB161493BL

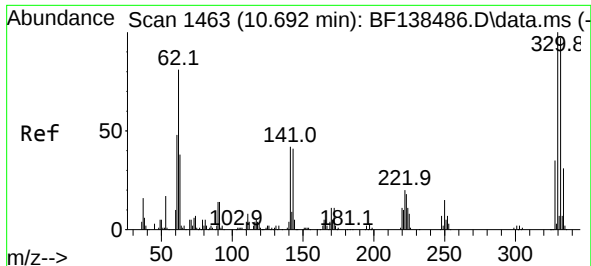
Tgt Ion: 82 Resp: 710588
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

Tgt Ion:164 Resp: 220340
Ion Ratio Lower Upper
164 100
162 101.3 79.0 118.6
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 82.912 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138497.D

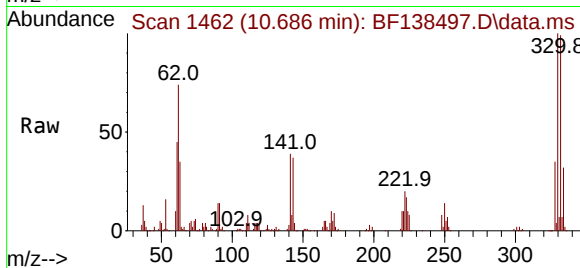
Acq: 10 Jul 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB161493BL



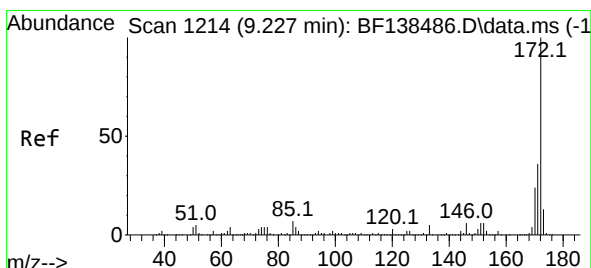
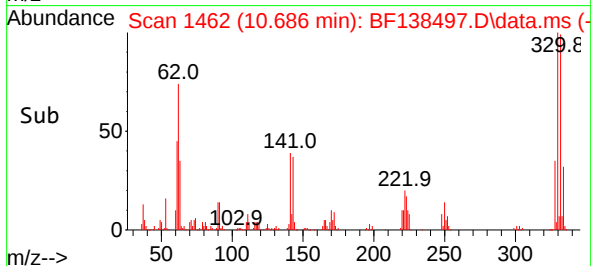
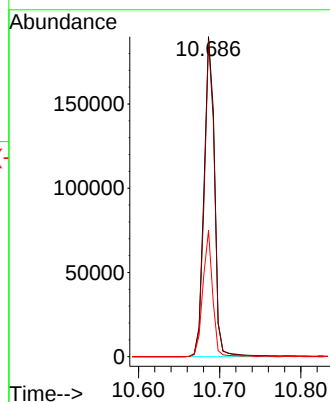
Tgt Ion:330 Resp: 170740

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 36.6 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 88.611 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

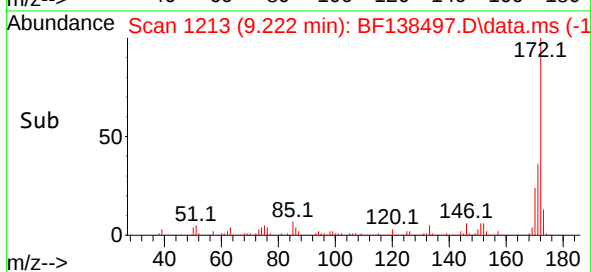
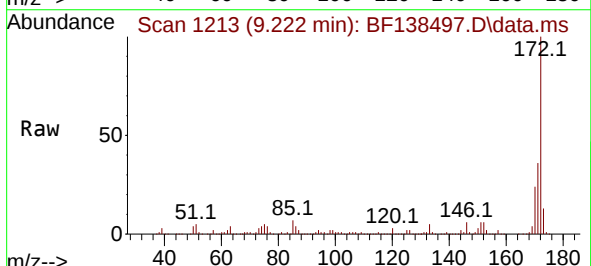
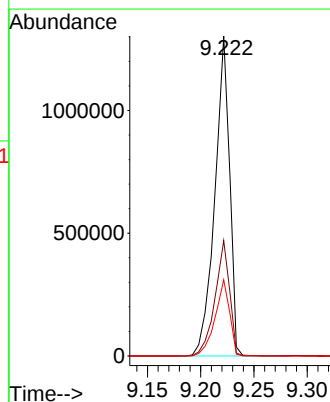
Tgt Ion:172 Resp: 1249254

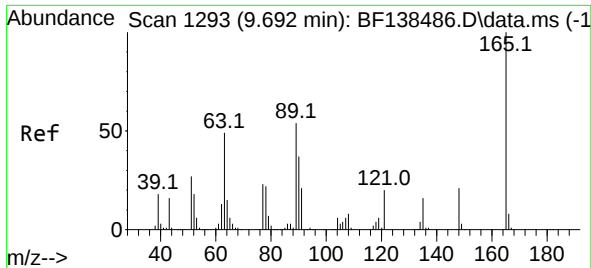
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.8 18.9 28.3

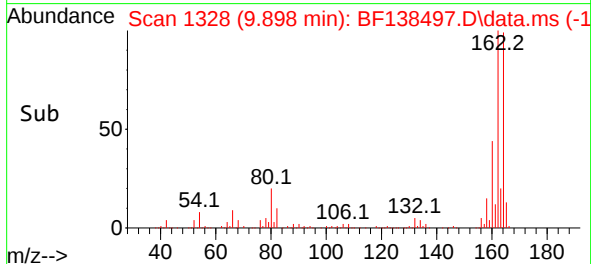
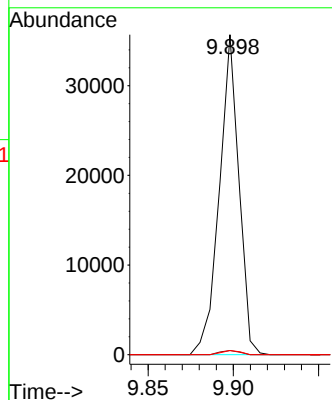
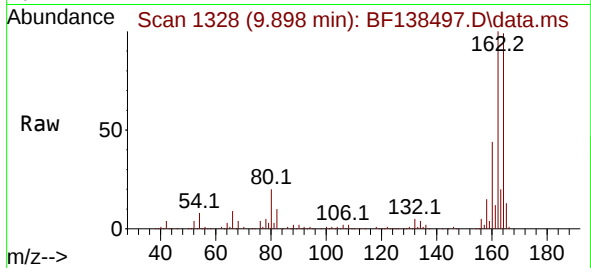




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

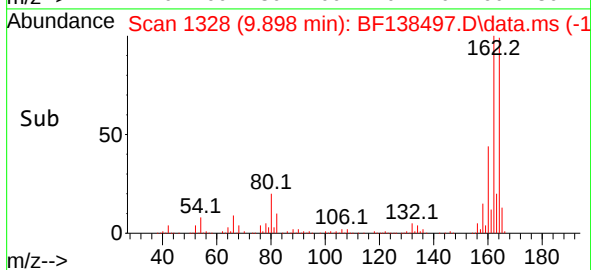
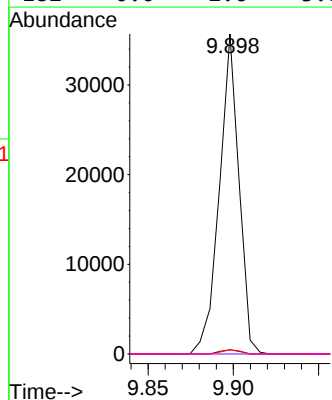
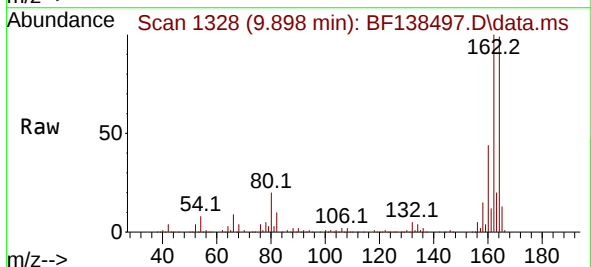
Instrument :
BNA_F
ClientSampleId :
PB161493BL

Tgt Ion:165 Resp: 28517
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.719 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138497.D
Acq: 10 Jul 2024 12:54

Tgt Ion:165 Resp: 28517
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 1.3 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB161493BL

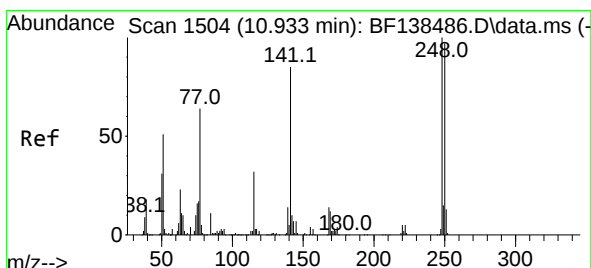
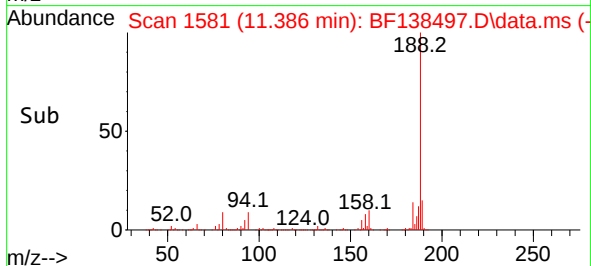
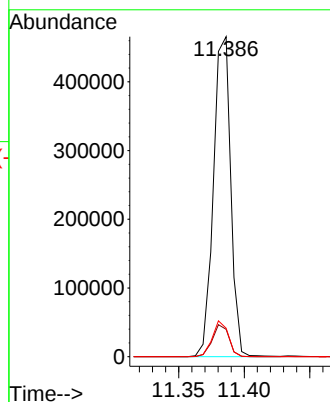
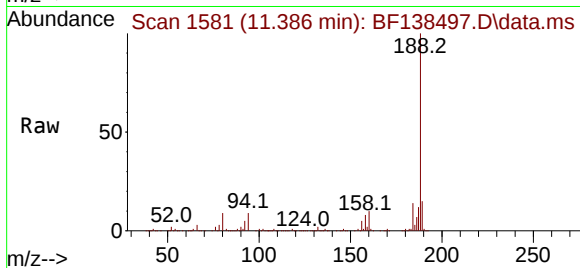
Tgt Ion:188 Resp: 427080

Ion Ratio Lower Upper

188 100

94 8.6 8.7 13.1#

80 8.9 9.0 13.4#



#67

4-Bromophenyl-phenylether

Concen: 2.679 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

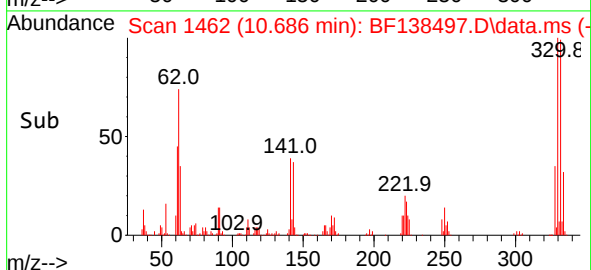
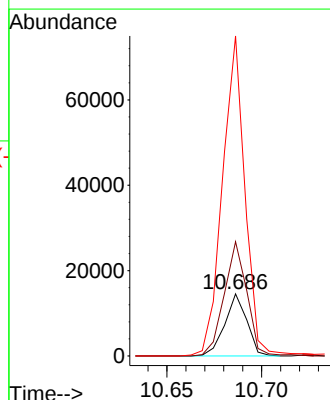
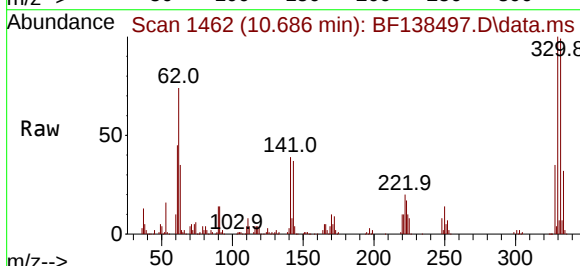
Tgt Ion:248 Resp: 11761

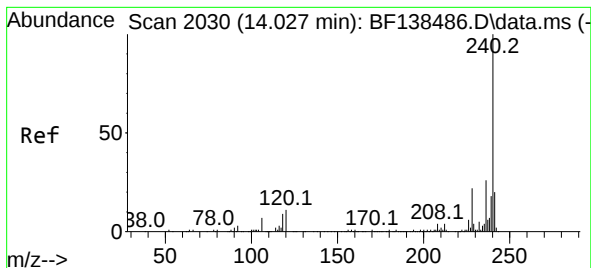
Ion Ratio Lower Upper

248 100

250 183.9 77.9 116.9#

141 514.9 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB161493BL

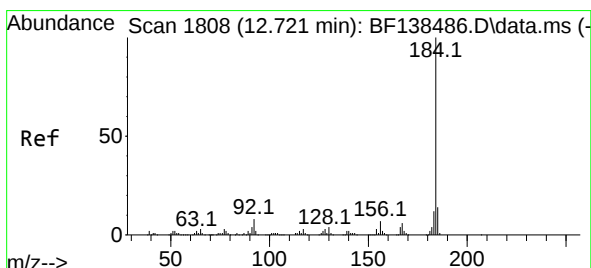
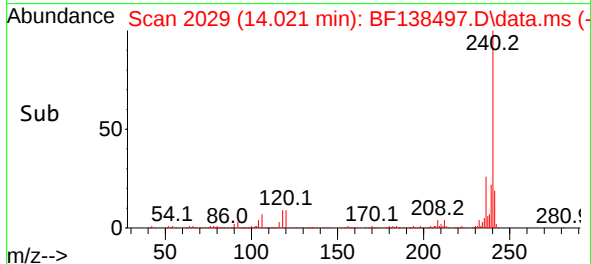
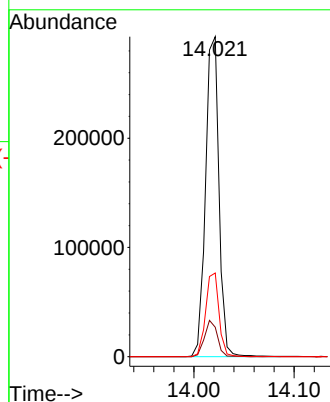
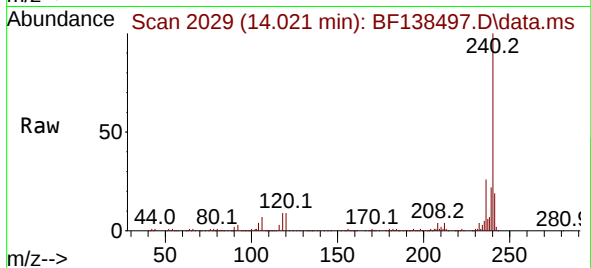
Tgt Ion:240 Resp: 274271

Ion Ratio Lower Upper

240 100

120 9.2 8.6 12.8

236 26.2 21.0 31.6



#77

Benzidine

Concen: 2.807 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF138497.D

Acq: 10 Jul 2024 12:54

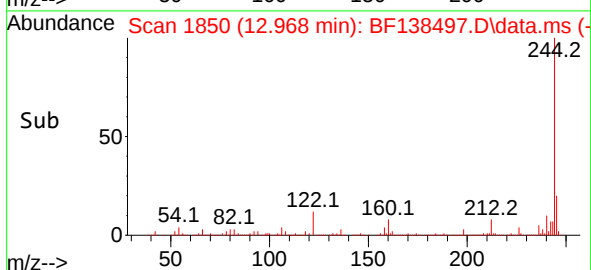
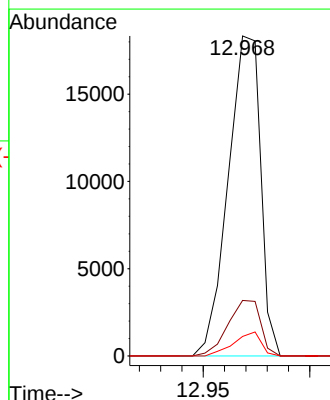
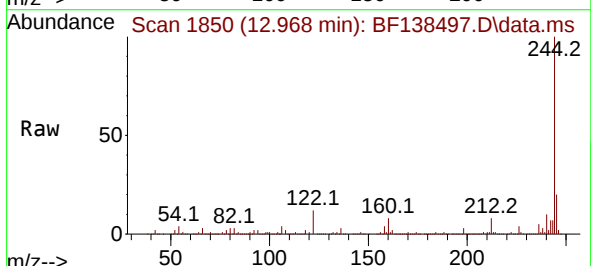
Tgt Ion:184 Resp: 19424

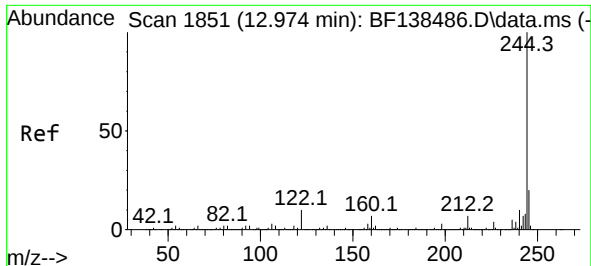
Ion Ratio Lower Upper

184 100

185 17.4 11.3 16.9#

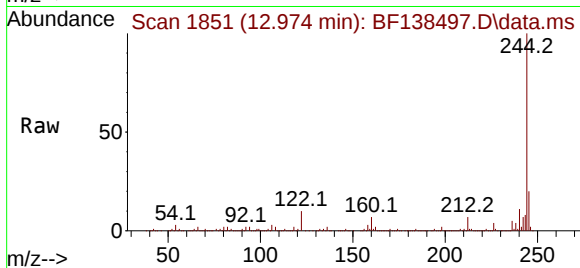
183 6.1 9.5 14.3#



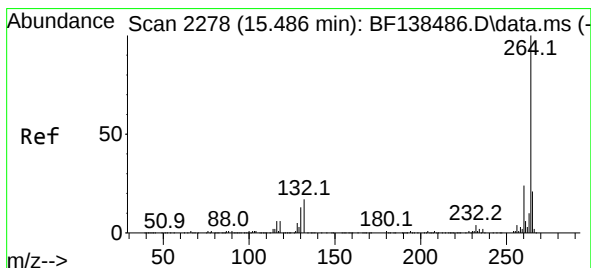
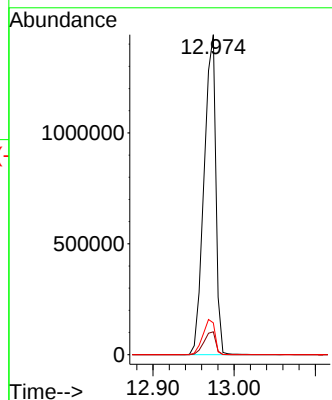
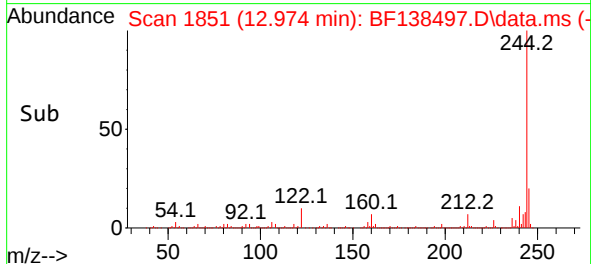


#79
 Terphenyl-d14
 Concen: 86.051 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138497.D
 Acq: 10 Jul 2024 12:54

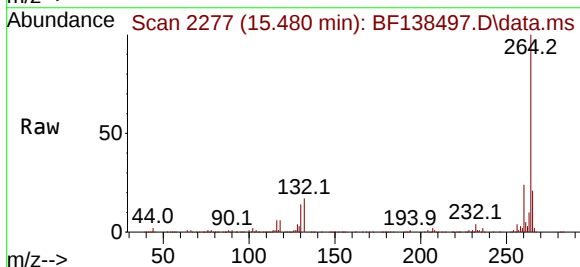
Instrument :
 BNA_F
 ClientSampleId :
 PB161493BL



Tgt Ion:244 Resp: 1448712
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138497.D
 Acq: 10 Jul 2024 12:54



Tgt Ion:264 Resp: 202949
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.3 17.0 25.4

