

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138500.D
 Acq On : 10 Jul 2024 14:29
 Operator : CG\JU
 Sample : PB161976BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BL

Quant Time: Jul 10 15:05:40 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)

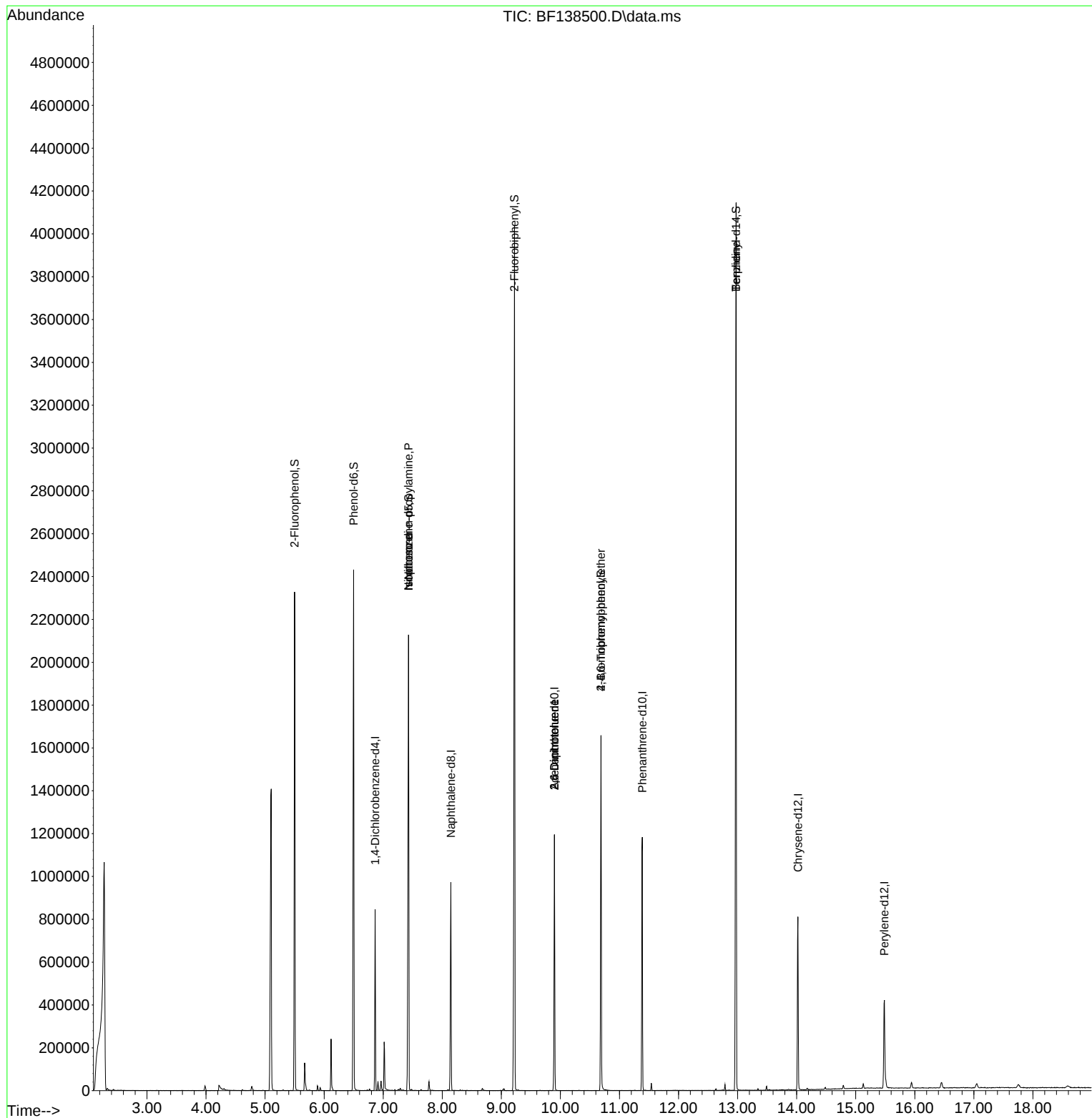
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	100987	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	406716	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	221398	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	433822	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	260424	20.000	ng	0.00
86) Perylene-d12	15.486	264	200833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	545754	85.589	ng	0.00
7) Phenol-d6	6.498	99	734569	86.598	ng	0.00
23) Nitrobenzene-d5	7.428	82	715054	86.319	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	168397	81.383	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1262764	89.142	ng	0.00
79) Terphenyl-d14	12.974	244	1431943	89.577	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	98186	18.733	ng	# 76
25) Isophorone	7.428	82	713917	50.184	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	27930	8.473	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	27930	6.549	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	11660	2.615	ng	# 1
77) Benzidine	12.974	184	19692	2.997	ng	# 95

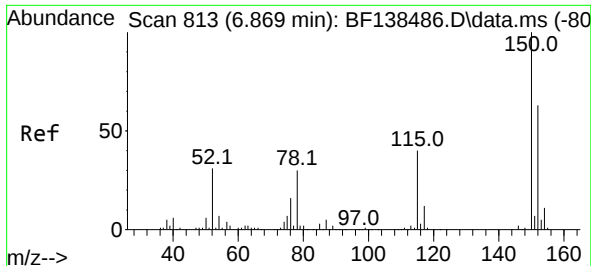
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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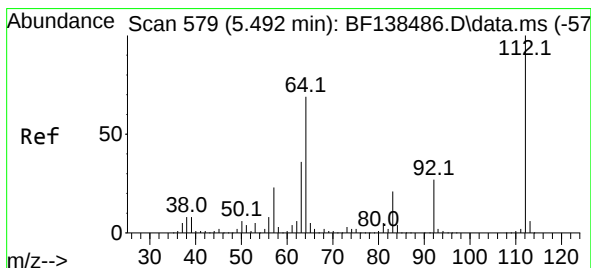
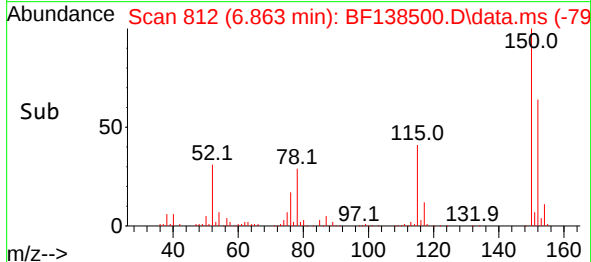
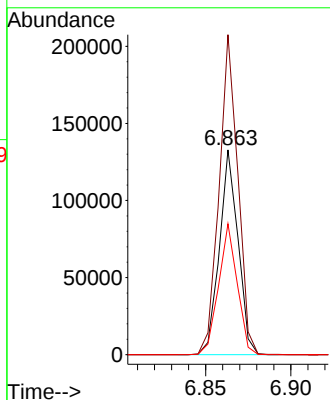
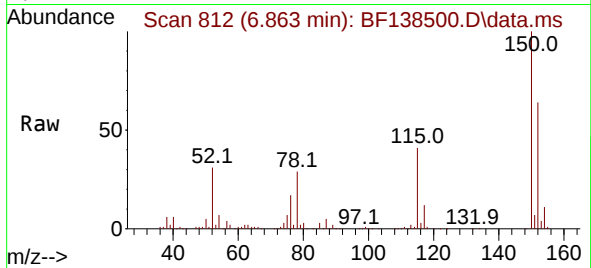




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

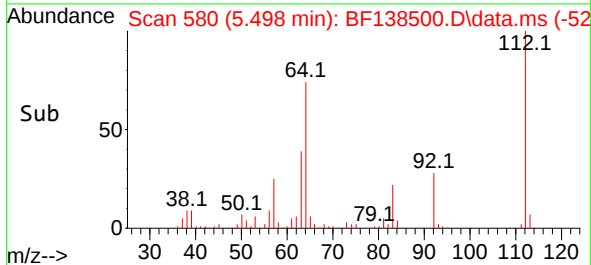
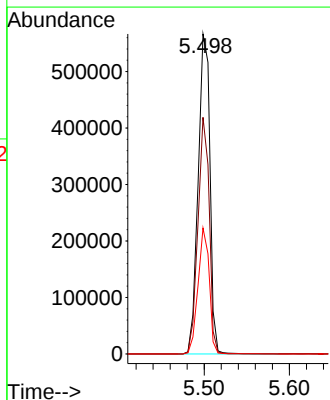
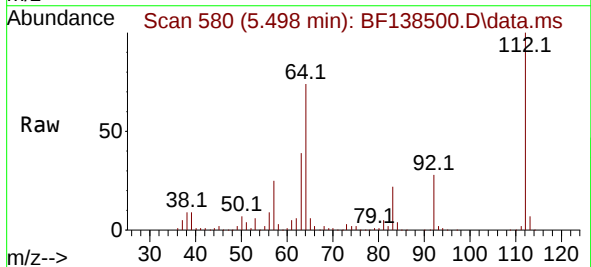
Instrument :
BNA_F
ClientSampleId :
PB161976BL

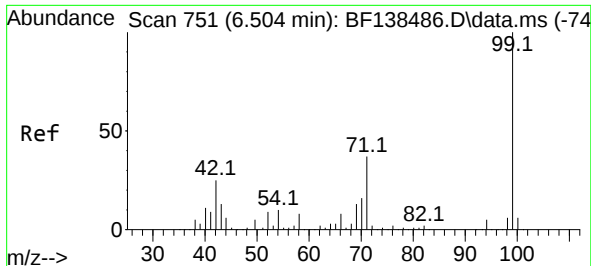
Tgt Ion:152 Resp: 100987
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 64.0 50.3 75.5



#5
2-Fluorophenol
Concen: 85.589 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Tgt Ion:112 Resp: 545754
Ion Ratio Lower Upper
112 100
64 74.0 55.1 82.7
63 39.3 29.0 43.6

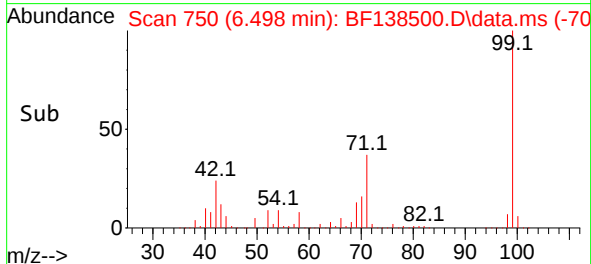
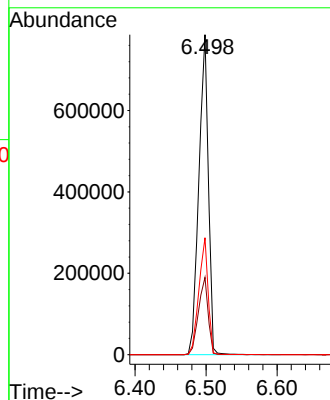
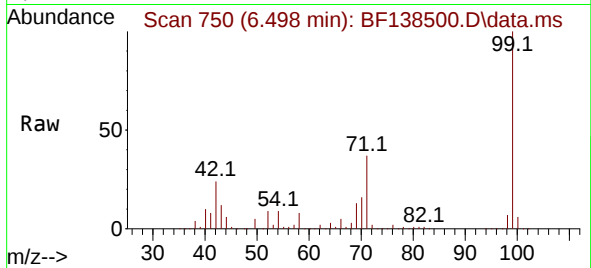




#7
Phenol-d6
Concen: 86.598 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

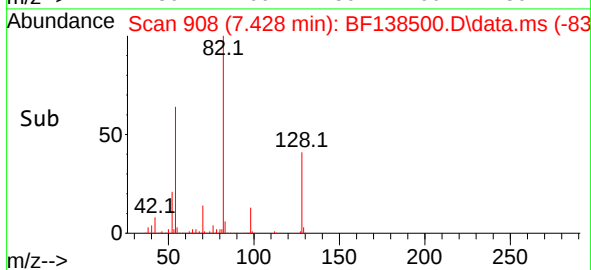
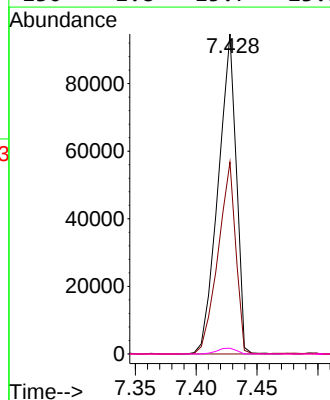
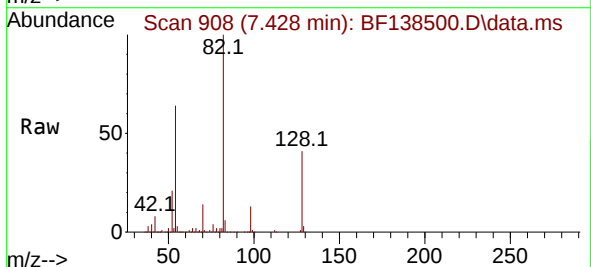
Instrument :
BNA_F
ClientSampleId :
PB161976BL

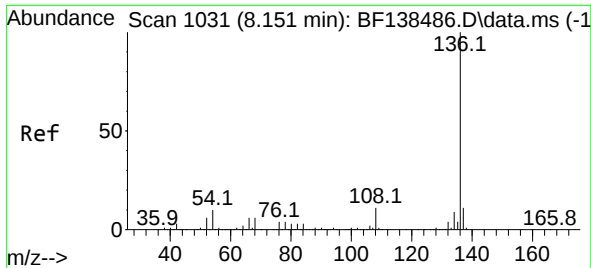
Tgt Ion: 99 Resp: 734569
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 36.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.733 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Tgt Ion: 70 Resp: 98186
Ion Ratio Lower Upper
70 100
42 60.0 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#



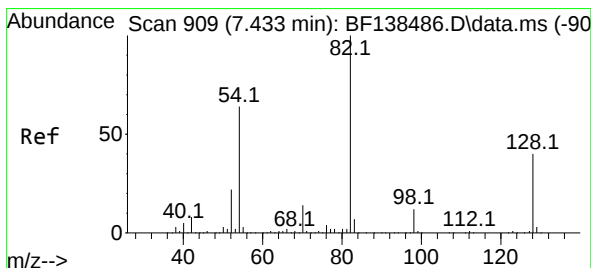
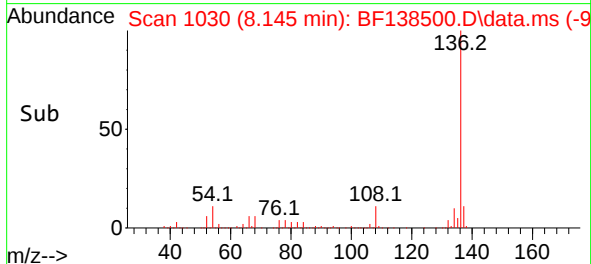
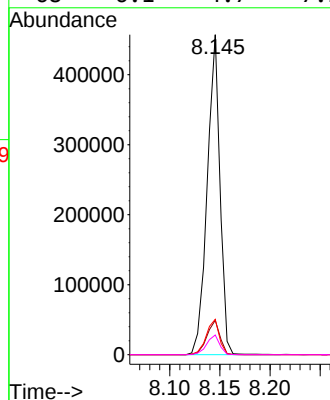
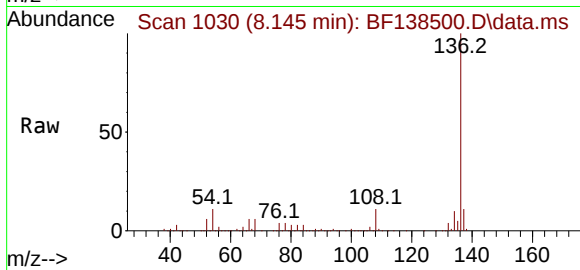


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Instrument :
BNA_F
ClientSampleId :
PB161976BL

Tgt Ion:136 Resp: 406716

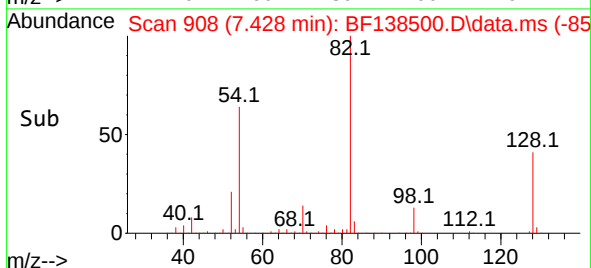
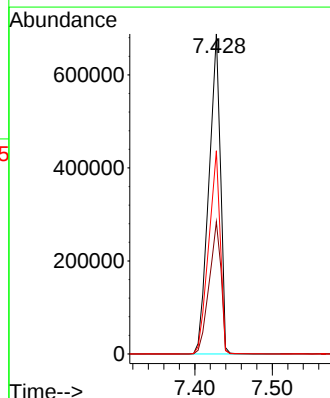
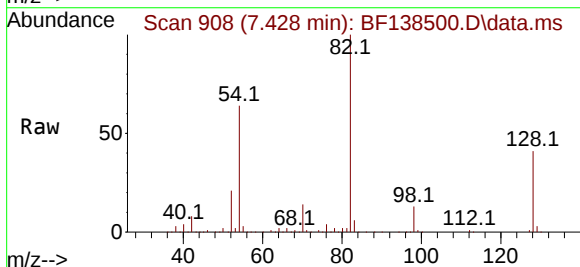
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.0	8.1	12.1
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 86.319 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Tgt Ion: 82 Resp: 715054

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	63.5	51.4	77.0

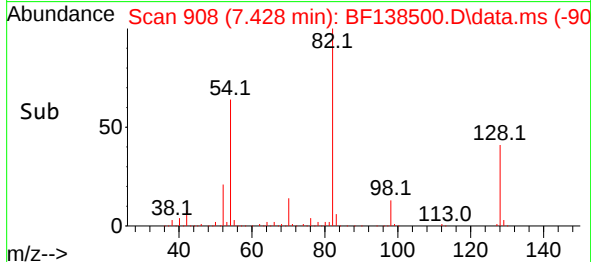
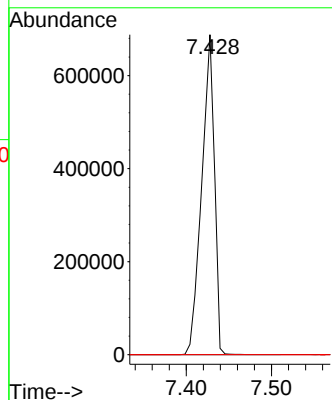
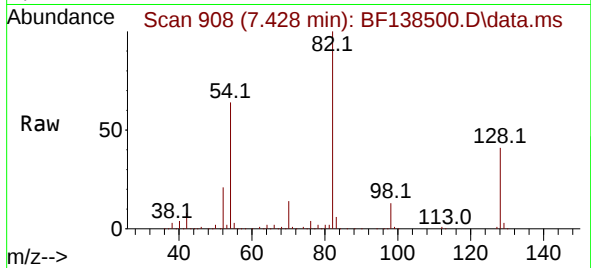




#25
Isophorone
Concen: 50.184 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

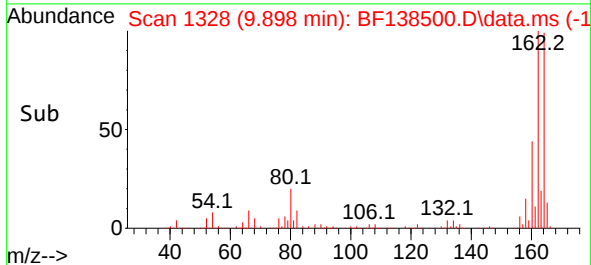
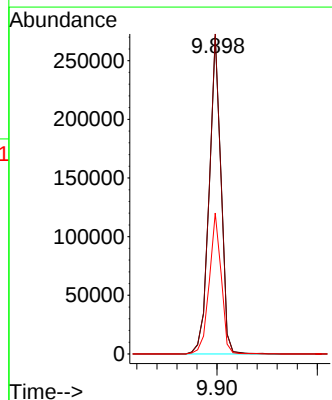
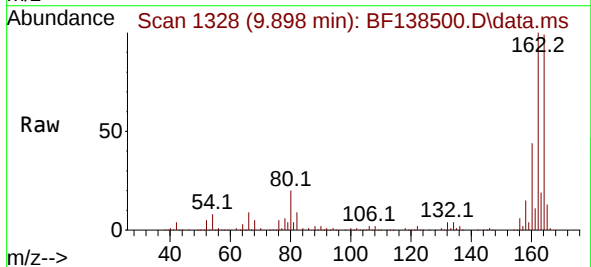
Instrument :
BNA_F
ClientSampleId :
PB161976BL

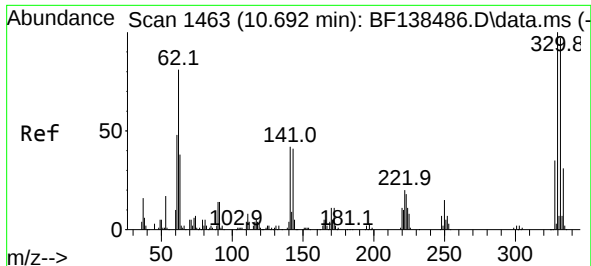
Tgt Ion: 82 Resp: 713917
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Tgt Ion: 164 Resp: 221398
Ion Ratio Lower Upper
164 100
162 100.8 79.0 118.6
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 81.383 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138500.D

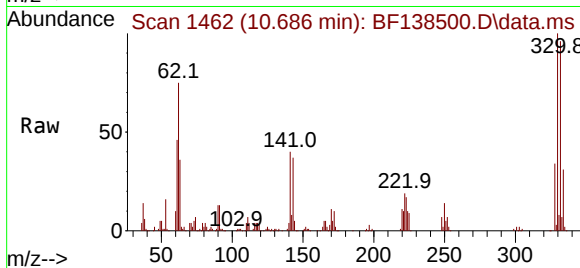
Acq: 10 Jul 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PB161976BL



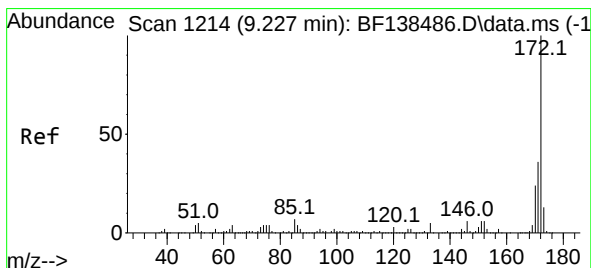
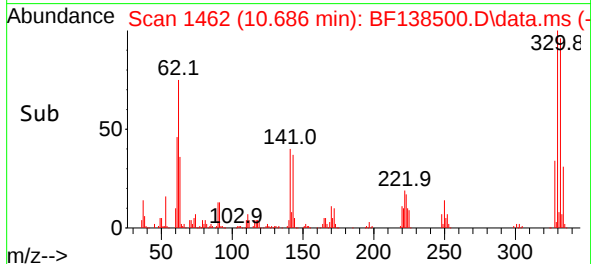
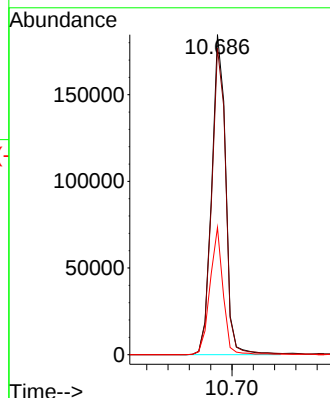
Tgt Ion:330 Resp: 168397

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 37.5 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 89.142 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138500.D

Acq: 10 Jul 2024 14:29

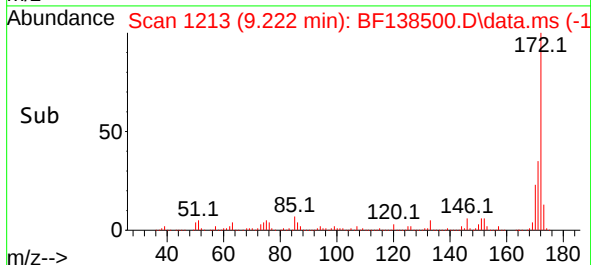
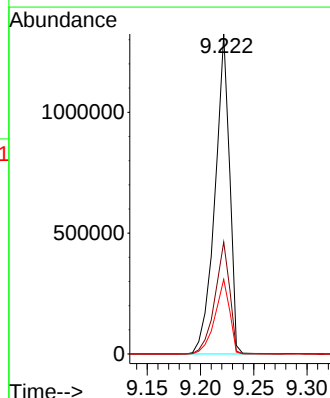
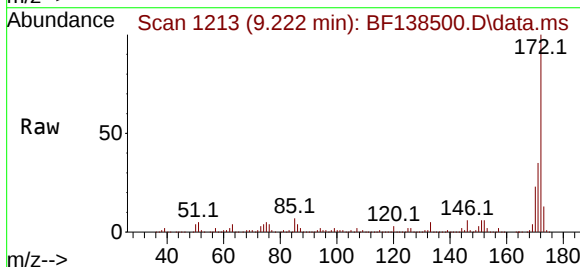
Tgt Ion:172 Resp: 1262764

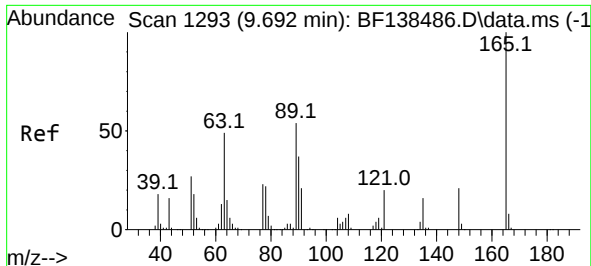
Ion Ratio Lower Upper

172 100

171 35.0 28.9 43.3

170 23.3 18.9 28.3

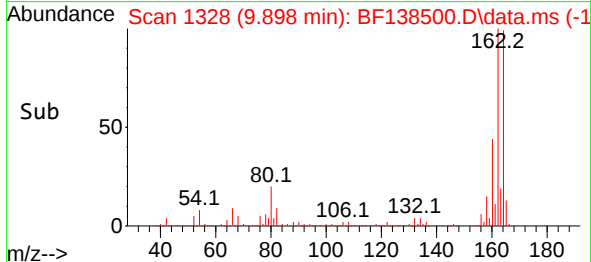
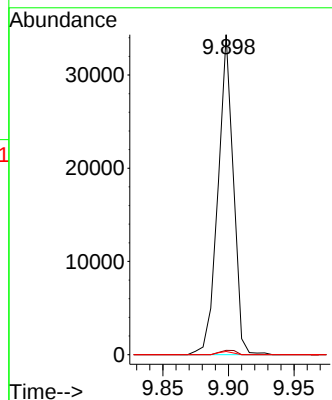
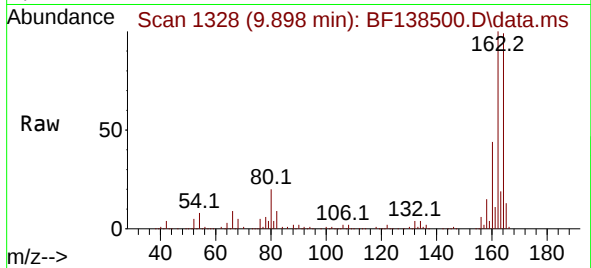




#51
2,6-Dinitrotoluene
Concen: 8.473 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

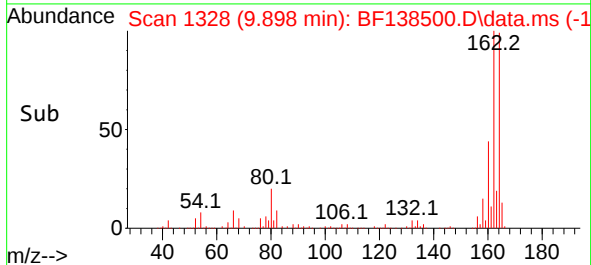
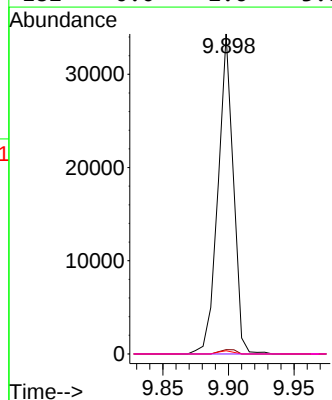
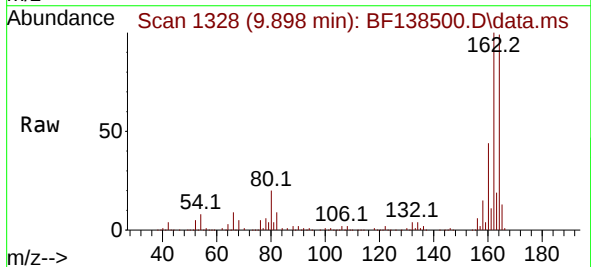
Instrument :
BNA_F
ClientSampleId :
PB161976BL

Tgt Ion:165 Resp: 27930
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.549 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Tgt Ion:165 Resp: 27930
Ion Ratio Lower Upper
165 100
63 1.4 44.6 66.8#
89 1.0 63.4 95.2#
182 0.0 2.6 3.8#

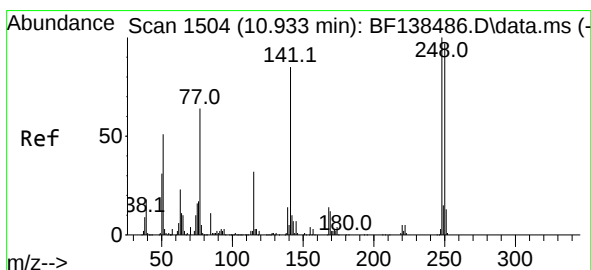
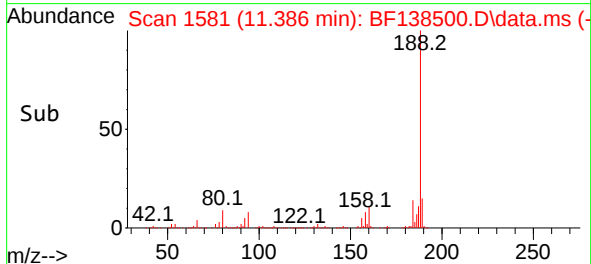
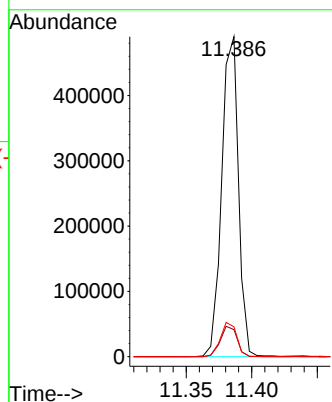
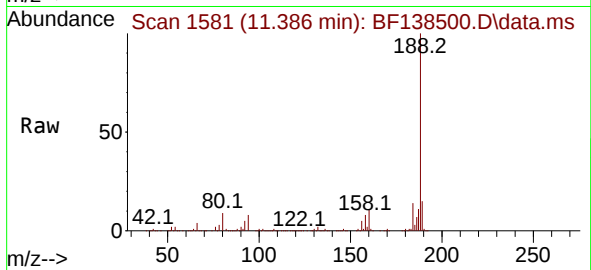




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

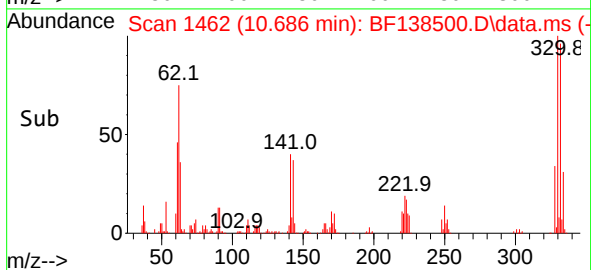
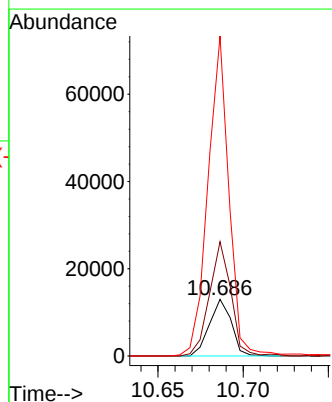
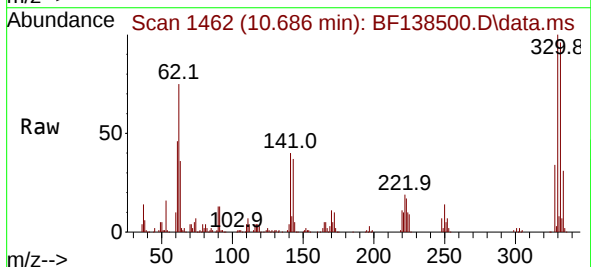
Instrument :
BNA_F
ClientSampleId :
PB161976BL

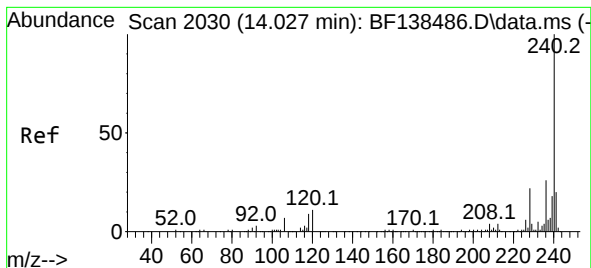
Tgt Ion:188 Resp: 433822
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 9.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 2.615 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF138500.D
Acq: 10 Jul 2024 14:29

Tgt Ion:248 Resp: 11660
Ion Ratio Lower Upper
248 100
250 201.8 77.9 116.9#
141 565.3 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138500.D

Acq: 10 Jul 2024 14:29

Instrument :

BNA_F

ClientSampleId :

PB161976BL

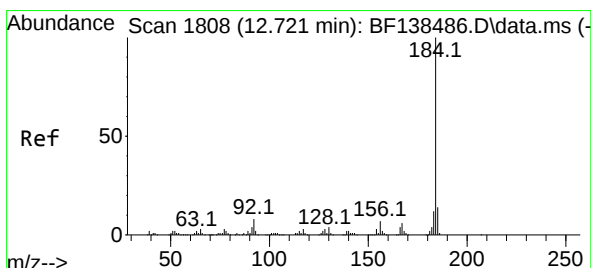
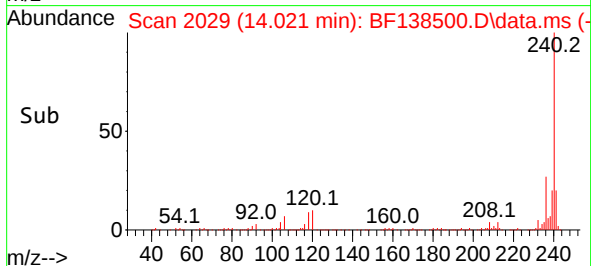
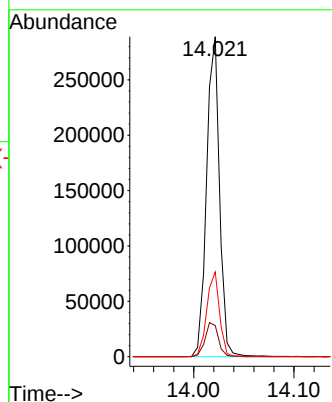
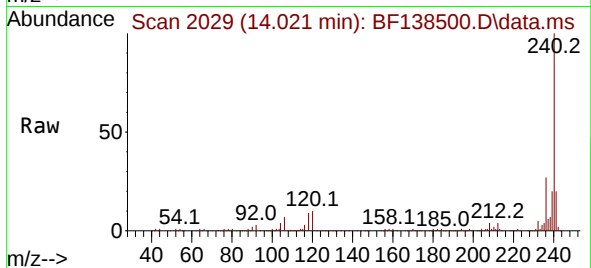
Tgt Ion:240 Resp: 260424

Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 26.5 21.0 31.6



#77

Benzidine

Concen: 2.997 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF138500.D

Acq: 10 Jul 2024 14:29

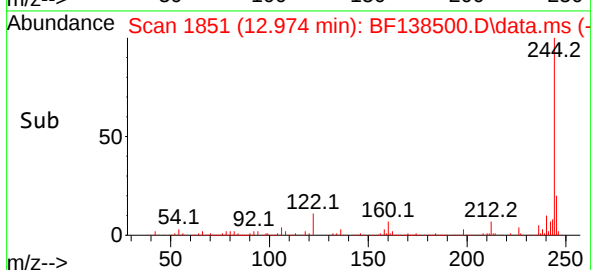
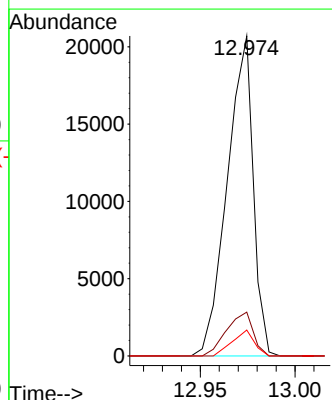
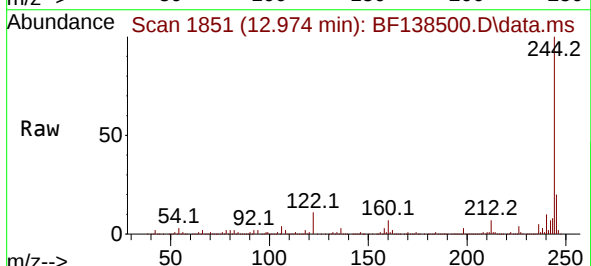
Tgt Ion:184 Resp: 19692

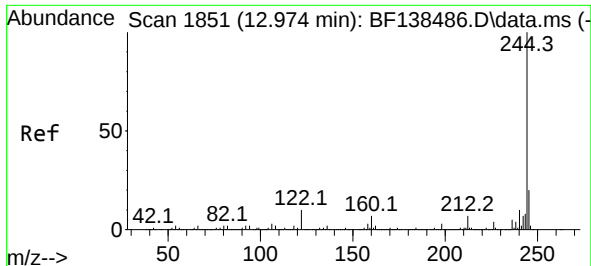
Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

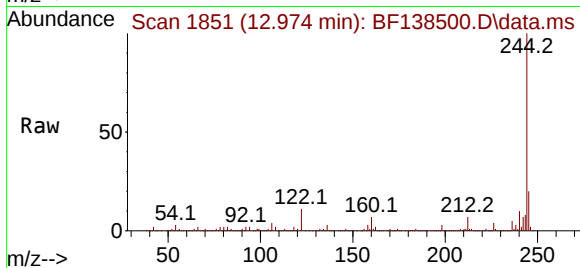
183 8.1 9.5 14.3#



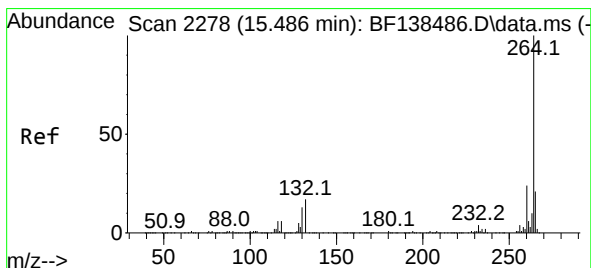
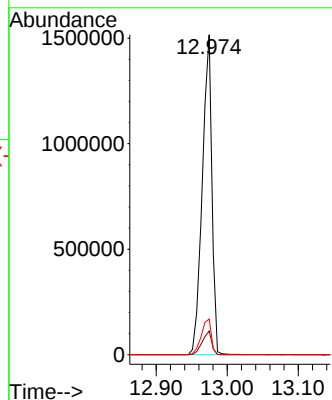
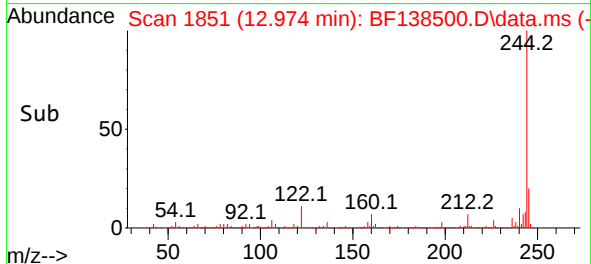


#79
 Terphenyl-d14
 Concen: 89.577 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138500.D
 Acq: 10 Jul 2024 14:29

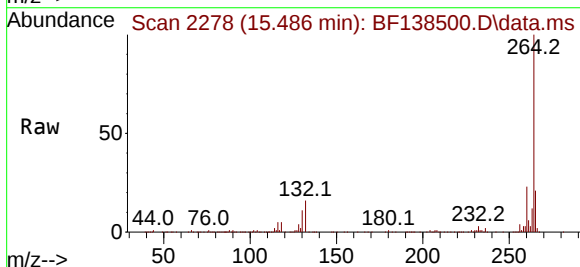
Instrument :
 BNA_F
 ClientSampleId :
 PB161976BL



Tgt Ion:244 Resp: 1431943
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138500.D
 Acq: 10 Jul 2024 14:29



Tgt Ion:264 Resp: 200833
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.4 17.0 25.4

