

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133845.D
 Acq On : 20 Jun 2023 09:01
 Operator : CG\JU
 Sample : PB153277BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153277BL

Quant Time: Jun 20 11:41:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

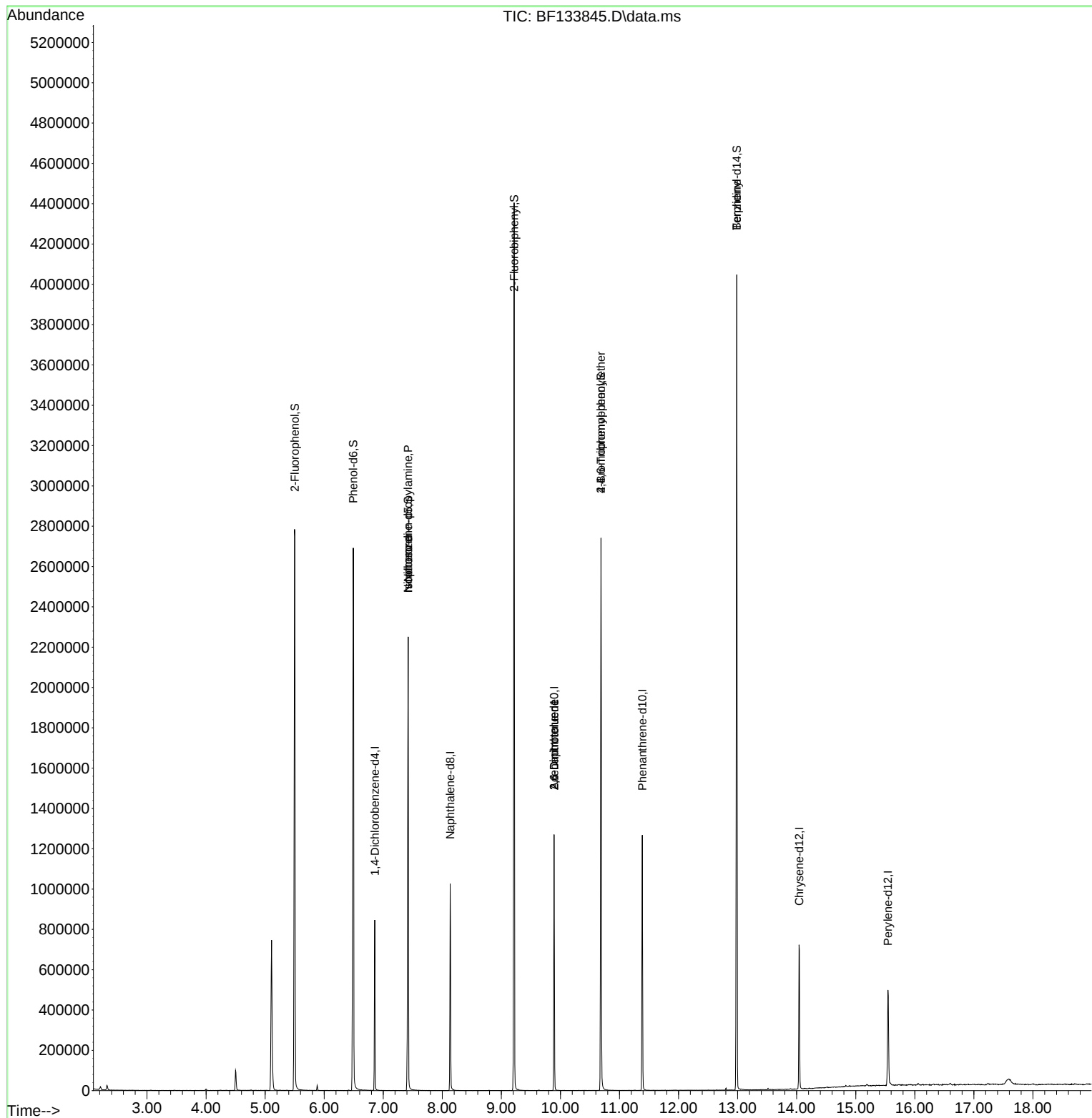
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110804	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	429386	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	224823	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	445987	20.000	ng	0.00
76) Chrysene-d12	14.045	240	255415	20.000	ng	0.00
86) Perylene-d12	15.545	264	236608	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	835013	131.193	ng	0.01
7) Phenol-d6	6.492	99	1015054	122.521	ng	0.00
23) Nitrobenzene-d5	7.422	82	687866	87.254	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	329043	115.622	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1268904	80.231	ng	0.00
79) Terphenyl-d14	12.986	244	1428755	86.556	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	96225	18.255	ng	# 77
25) Isophorone	7.422	82	687858	47.527	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	28092	8.110	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	28092	6.377	ng	# 20
67) 4-Bromophenyl-phenylether	10.686	248	20607	4.140	ng	# 1
77) Benzidine	12.986	184	21017	2.452	ng	# 94

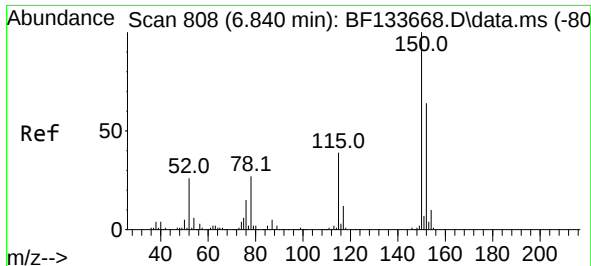
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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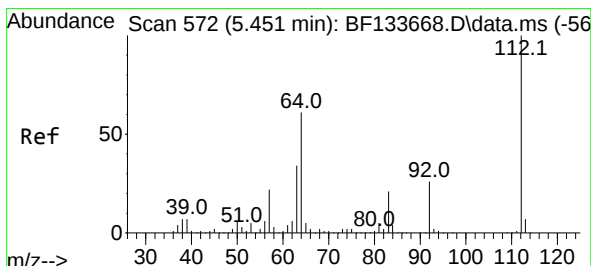
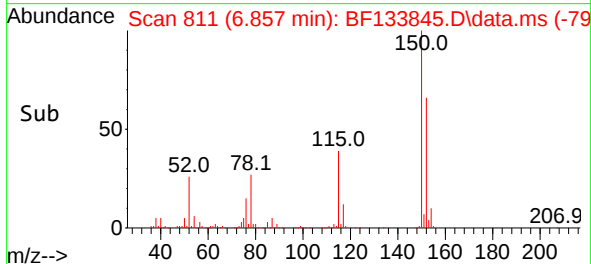
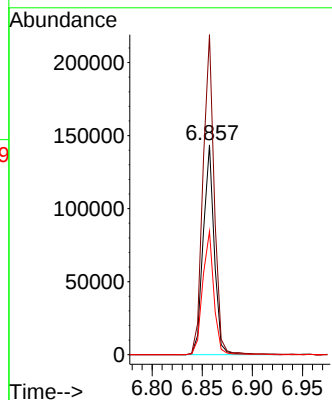
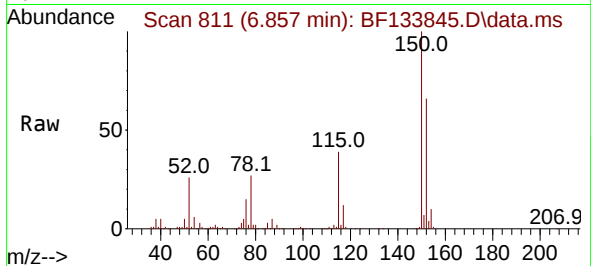




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

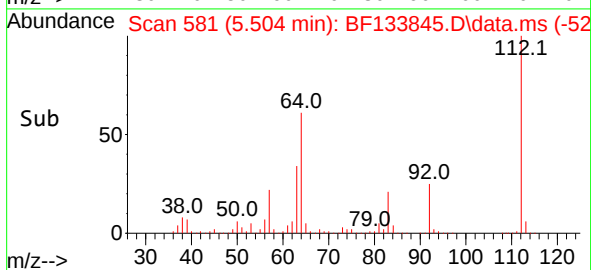
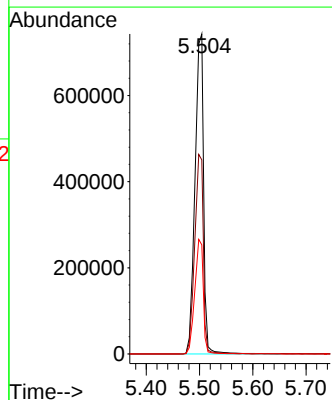
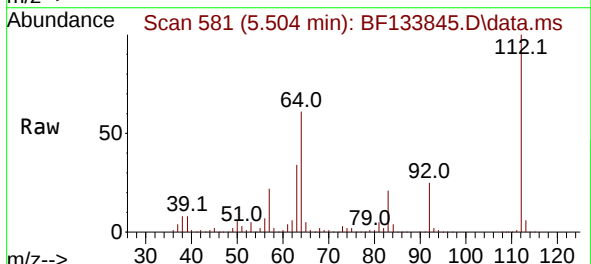
Instrument :
BNA_F
ClientSampleId :
PB153277BL

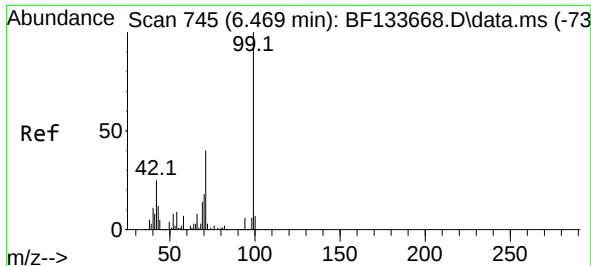
Tgt Ion:152 Resp: 110804
Ion Ratio Lower Upper
152 100
150 152.5 124.3 186.5
115 58.8 48.5 72.7



#5
2-Fluorophenol
Concen: 131.193 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion:112 Resp: 835013
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.1 26.8 40.2

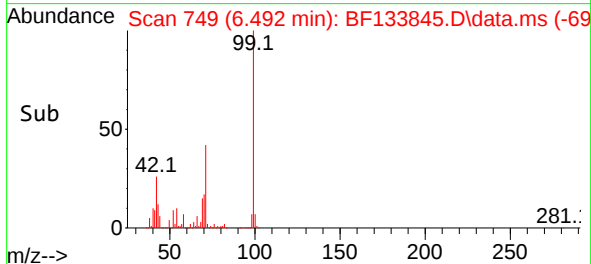
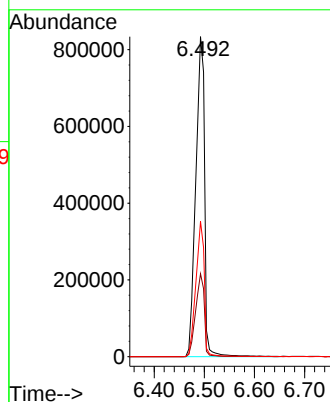
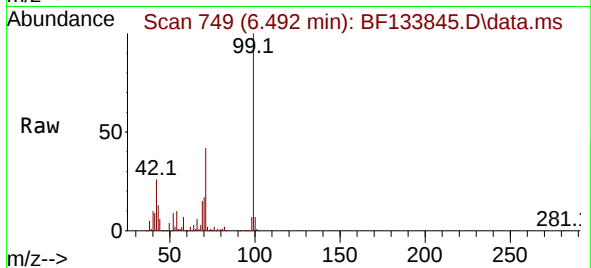




#7
Phenol-d6
Concen: 122.521 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

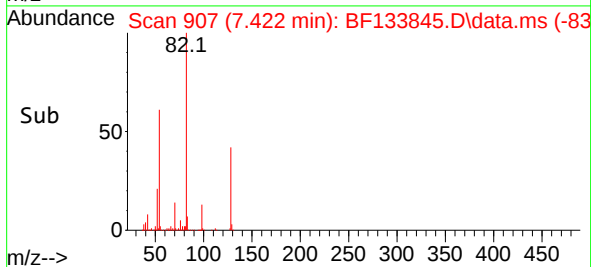
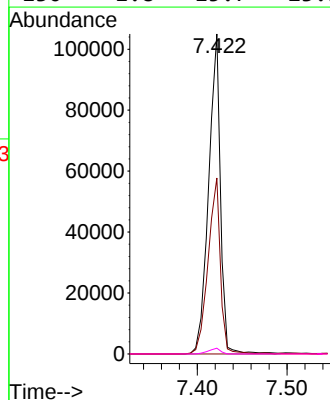
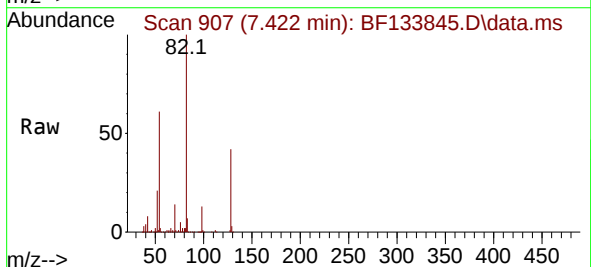
Instrument :
BNA_F
ClientSampleId :
PB153277BL

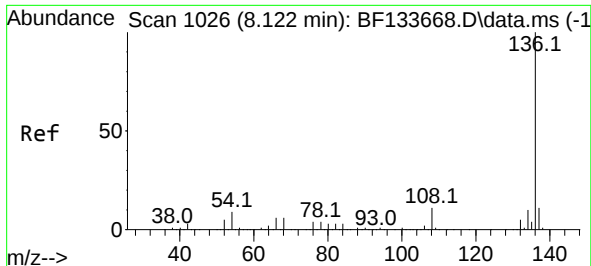
Tgt Ion: 99 Resp: 1015054
Ion Ratio Lower Upper
99 100
42 25.9 19.9 29.9
71 42.3 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.255 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion: 70 Resp: 96225
Ion Ratio Lower Upper
70 100
42 55.0 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

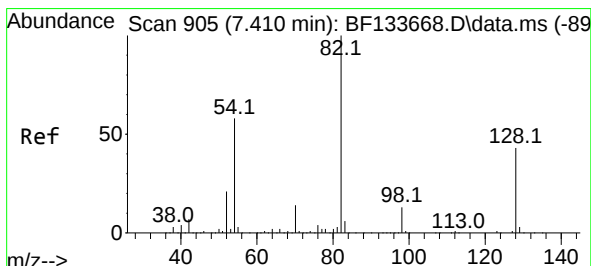
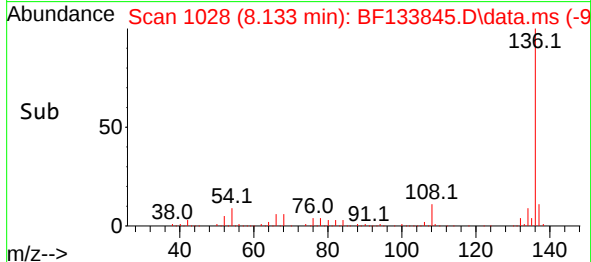
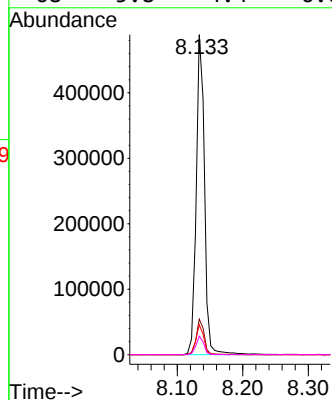
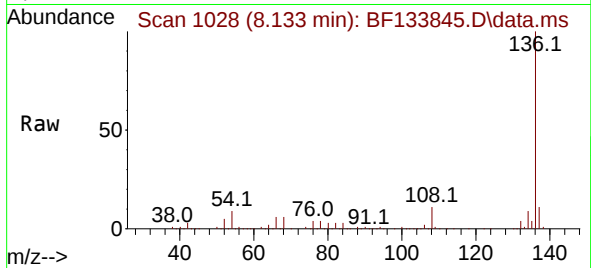




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

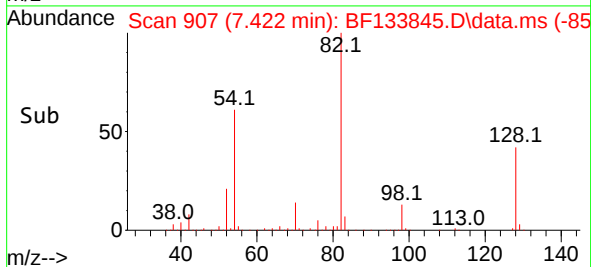
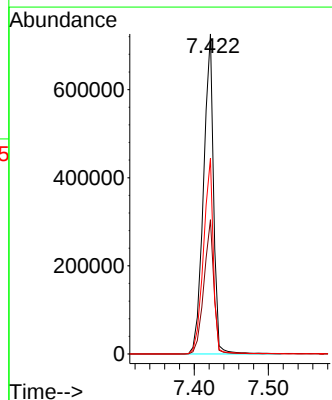
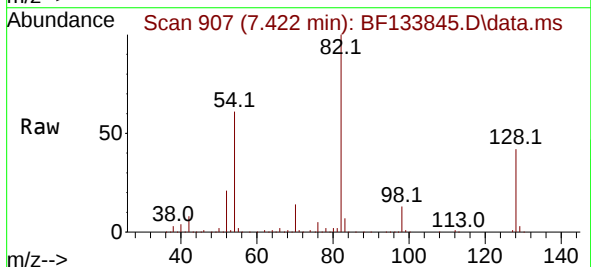
Instrument :
BNA_F
ClientSampleId :
PB153277BL

Tgt Ion:136 Resp: 429386
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.4 11.0
68 5.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 87.254 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion: 82 Resp: 687866
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.2
54 61.1 46.5 69.7

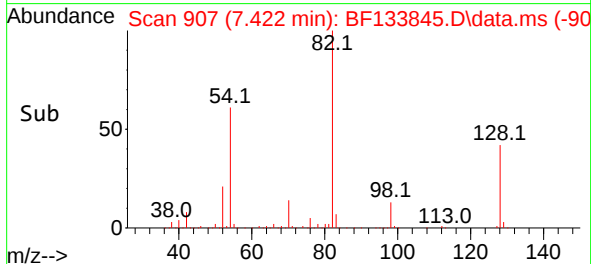
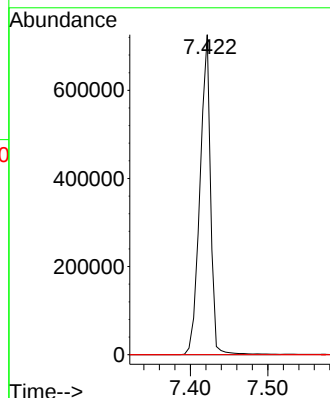
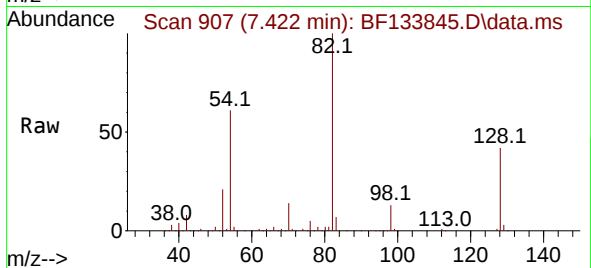




#25
Isophorone
Concen: 47.527 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

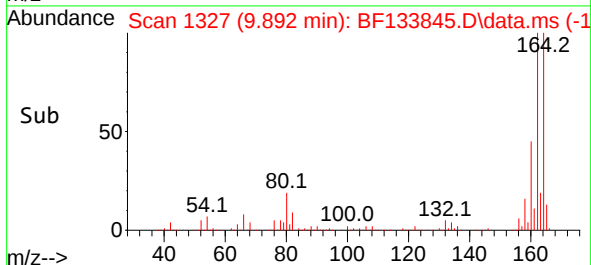
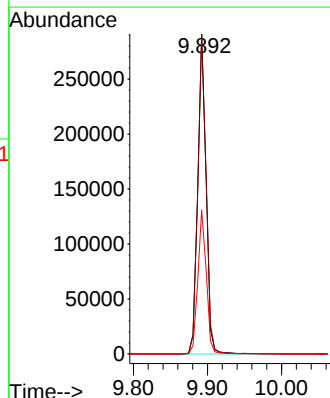
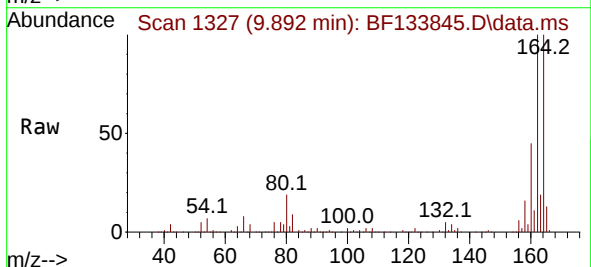
Instrument :
BNA_F
ClientSampleId :
PB153277BL

Tgt Ion: 82 Resp: 687858
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion: 164 Resp: 224823
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 115.622 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133845.D

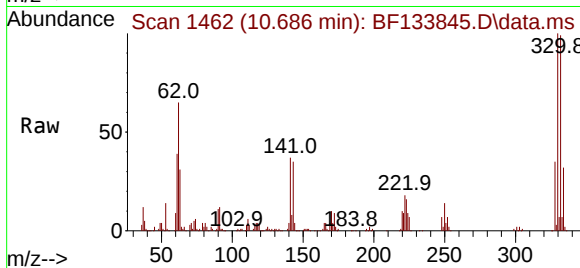
Acq: 20 Jun 2023 09:01

Instrument :

BNA_F

ClientSampleId :

PB153277BL



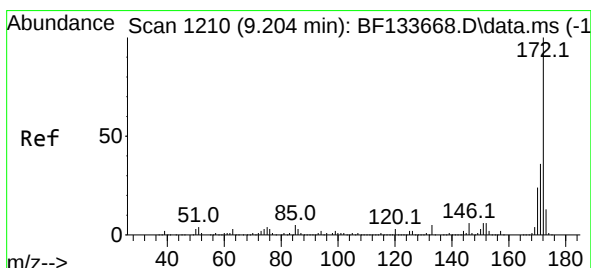
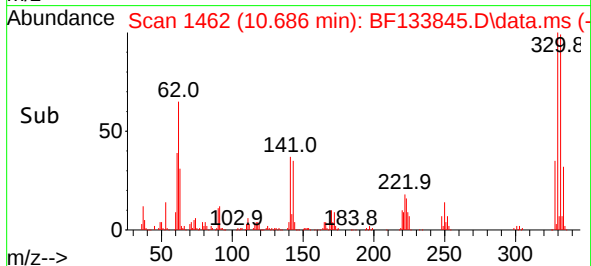
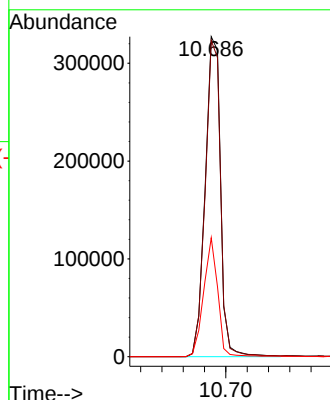
Tgt Ion:330 Resp: 329043

Ion Ratio Lower Upper

330 100

332 98.3 77.2 115.8

141 34.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 80.231 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

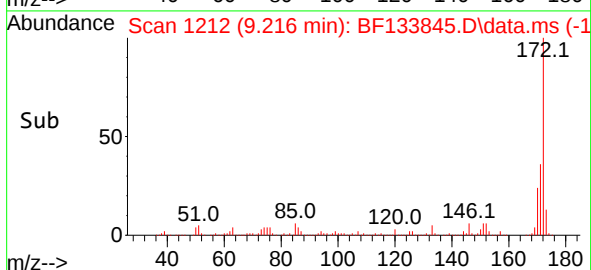
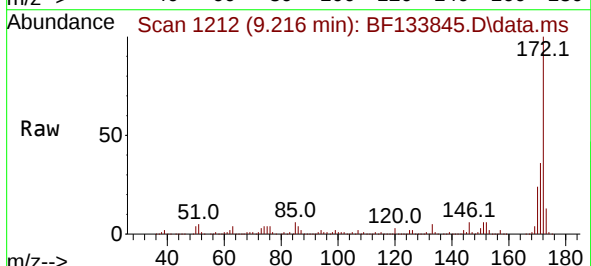
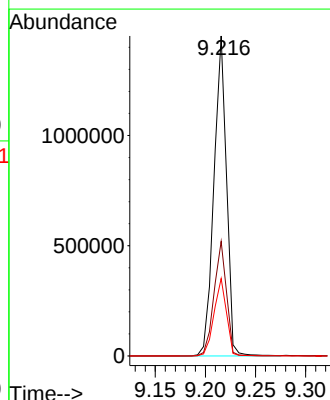
Tgt Ion:172 Resp: 1268904

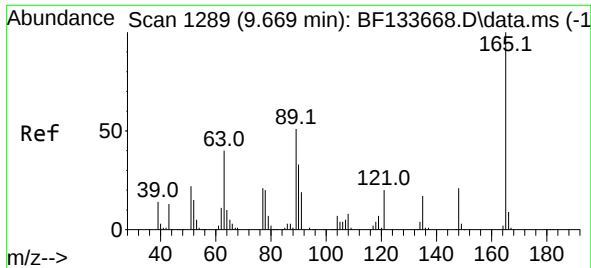
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.1 28.7

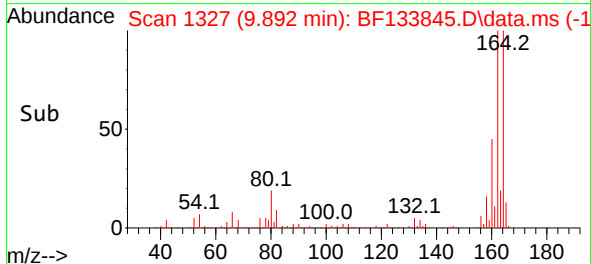
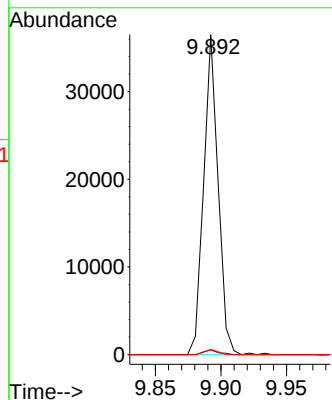
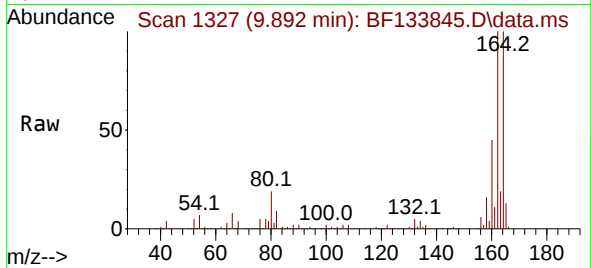




#51
2,6-Dinitrotoluene
Concen: 8.110 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

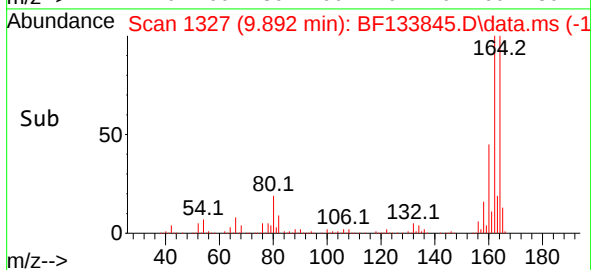
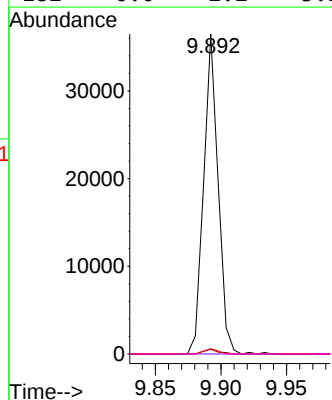
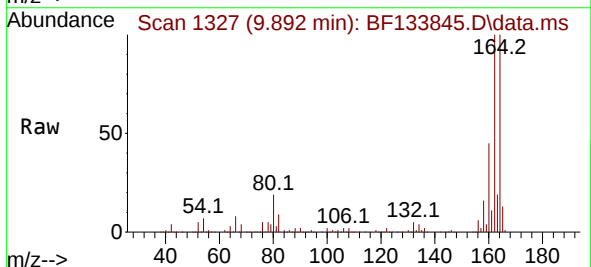
Instrument :
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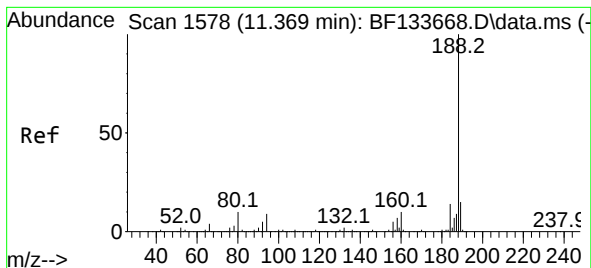
Tgt Ion:165 Resp: 28092
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.377 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion:165 Resp: 28092
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

Instrument :

BNA_F

ClientSampleId :

PB153277BL

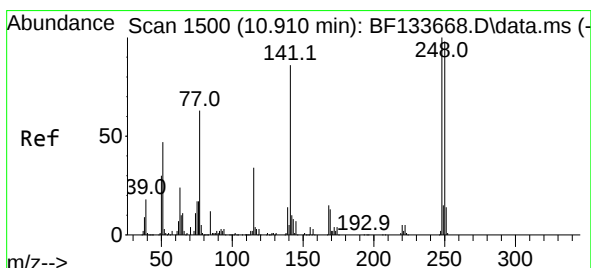
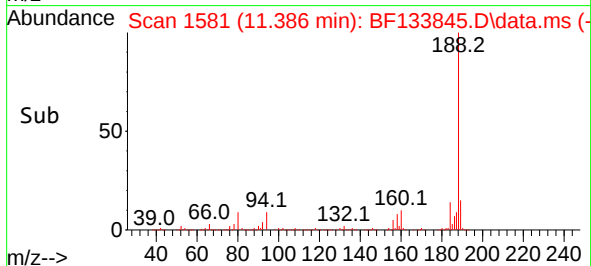
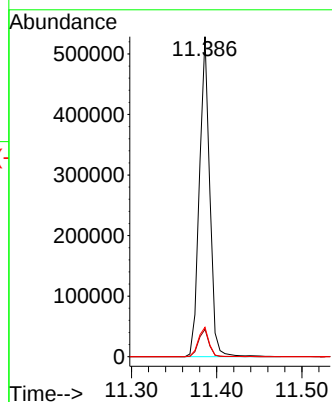
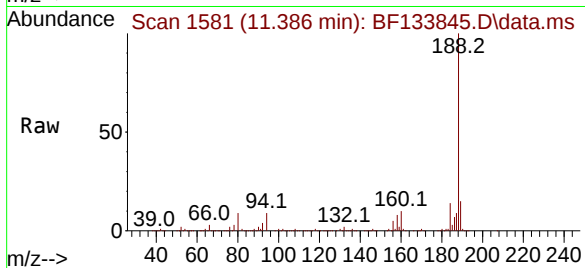
Tgt Ion:188 Resp: 445987

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.2 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.140 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

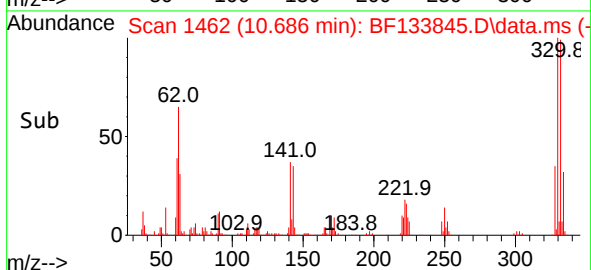
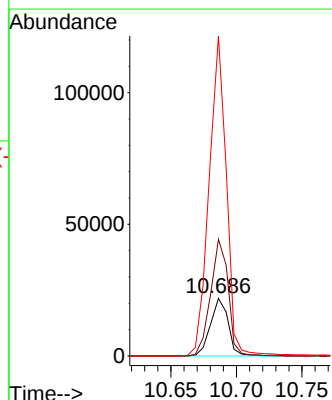
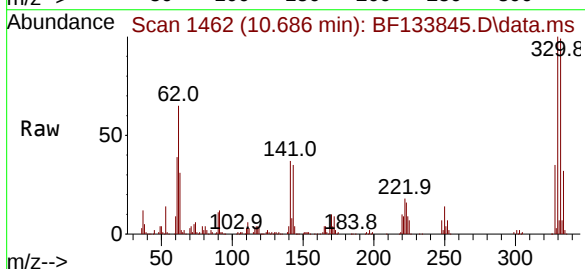
Tgt Ion:248 Resp: 20607

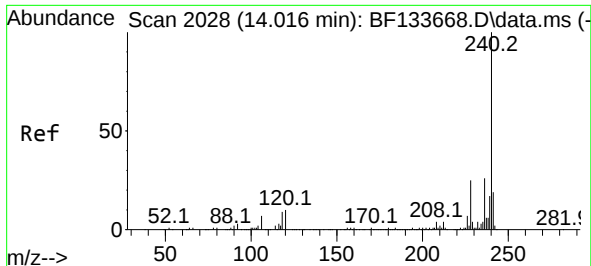
Ion Ratio Lower Upper

248 100

250 202.4 78.3 117.5#

141 555.1 69.0 103.6#

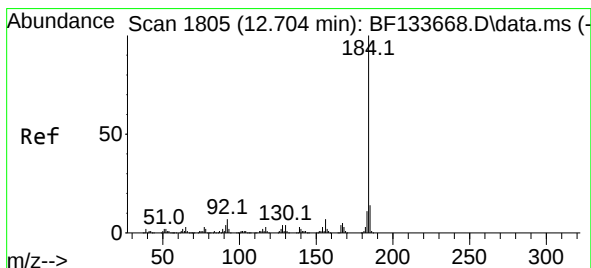
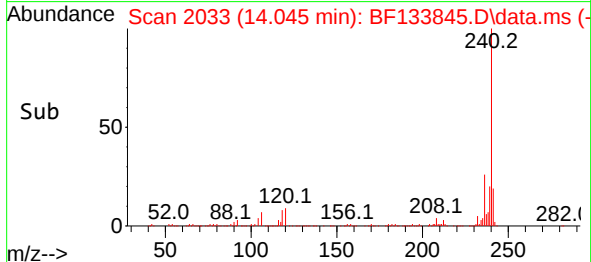
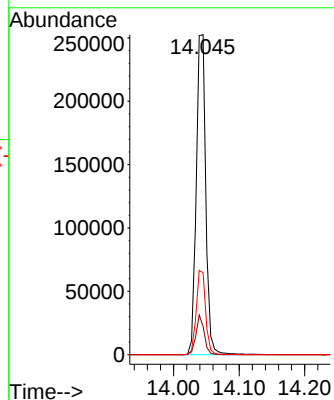
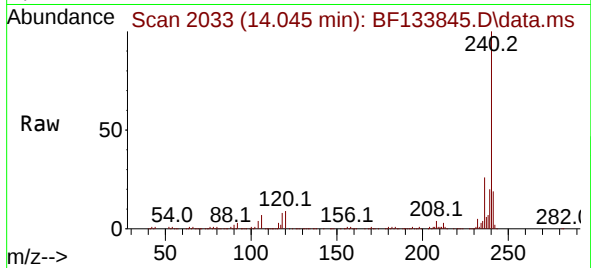




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

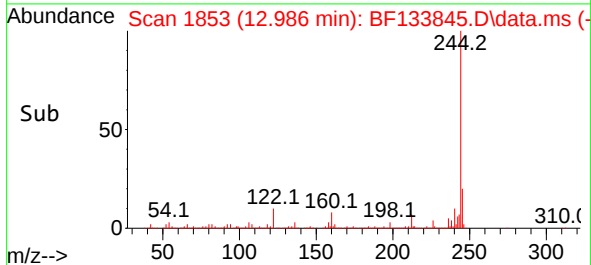
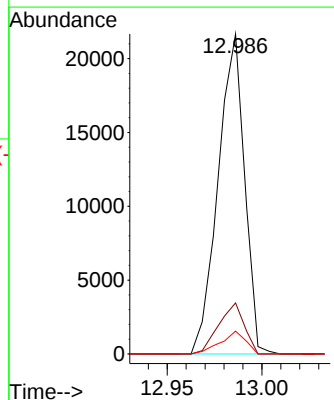
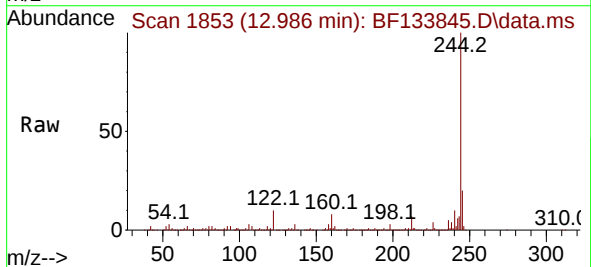
Instrument :
BNA_F
ClientSampleId :
PB153277BL

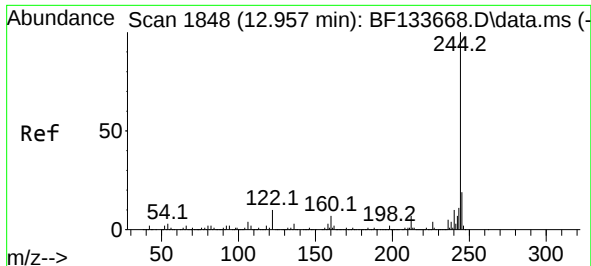
Tgt Ion:240 Resp: 255415
Ion Ratio Lower Upper
240 100
120 8.8 8.1 12.1
236 25.6 20.5 30.7



#77
Benzidine
Concen: 2.452 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion:184 Resp: 21017
Ion Ratio Lower Upper
184 100
185 15.9 11.6 17.4
183 7.1 8.4 12.6#

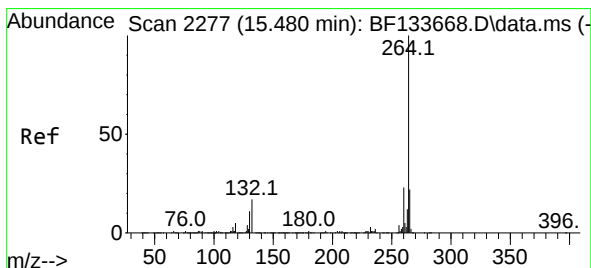
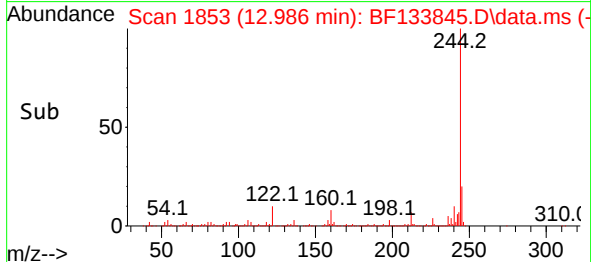
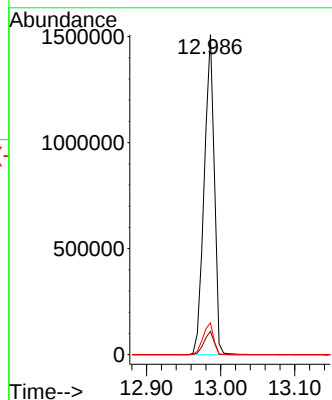
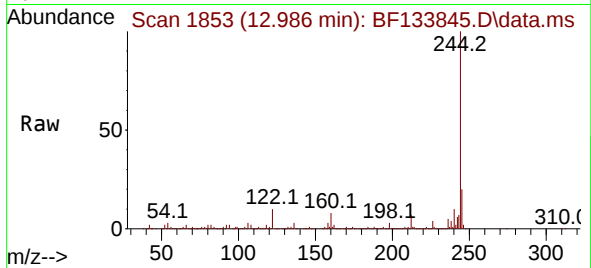




#79
 Terphenyl-d14
 Concen: 86.556 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133845.D
 Acq: 20 Jun 2023 09:01

Instrument :
 BNA_F
 ClientSampleId :
 PB153277BL

Tgt Ion:244 Resp: 1428755
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.012 min
 Lab File: BF133845.D
 Acq: 20 Jun 2023 09:01

Tgt Ion:264 Resp: 236608
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 22.7 17.8 26.6

