

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133932.D
 Acq On : 23 Jun 2023 09:12
 Operator : CG\JU
 Sample : PB153615BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153615BL

Quant Time: Jun 25 02:34:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

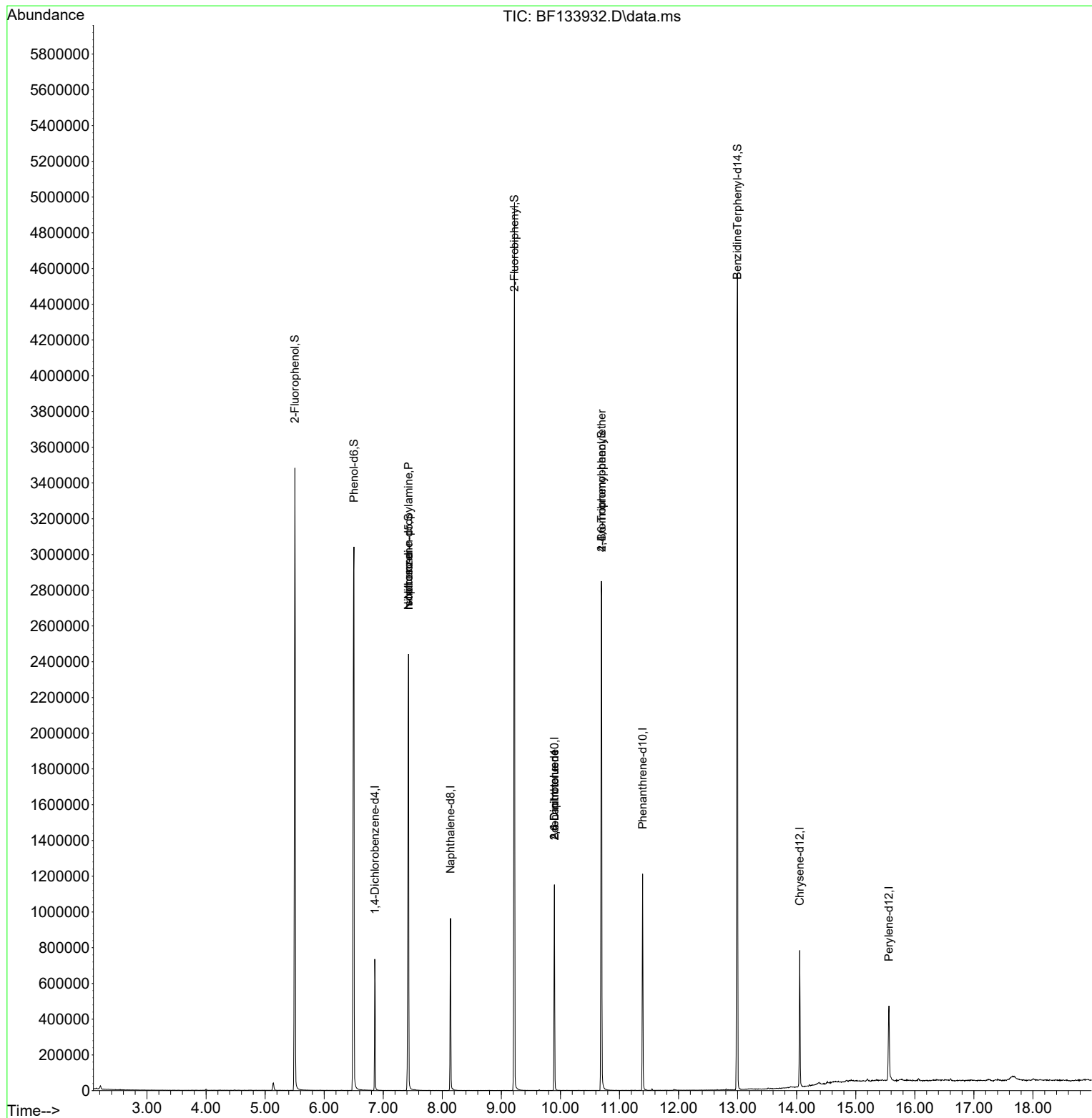
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	103625	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	407823	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	209636	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	430091	20.000	ng	0.00
76) Chrysene-d12	14.051	240	250446	20.000	ng	0.00
86) Perylene-d12	15.562	264	212927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	982083	164.990	ng	0.01
7) Phenol-d6	6.504	99	1189026	153.462	ng	0.00
23) Nitrobenzene-d5	7.428	82	818292	109.287	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	411846	155.202	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1484377	100.654	ng	0.00
79) Terphenyl-d14	12.998	244	1808992	111.766	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	117471	23.830	ng	Qvalue 78
25) Isophorone	7.428	82	817276	59.454	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	27208	8.424	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	27208	6.624	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	25842	5.383	ng	# 1
77) Benzidine	12.992	184	25220	3.001	ng	# 94

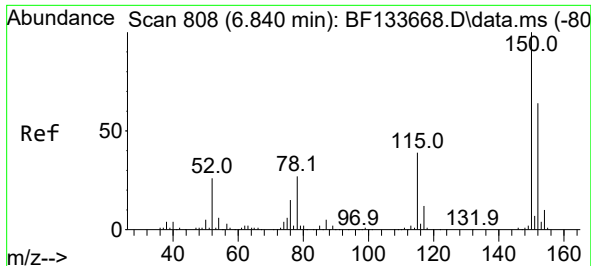
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
Data File : BF133932.D
Acq On : 23 Jun 2023 09:12
Operator : CG\JU
Sample : PB153615BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB153615BL

Quant Time: Jun 25 02:34:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

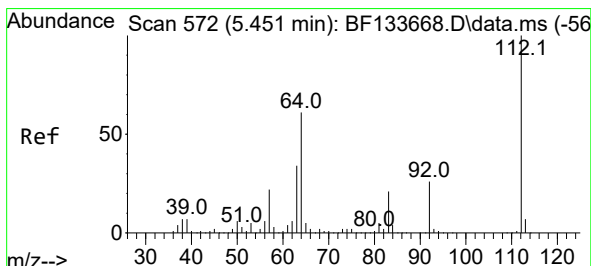
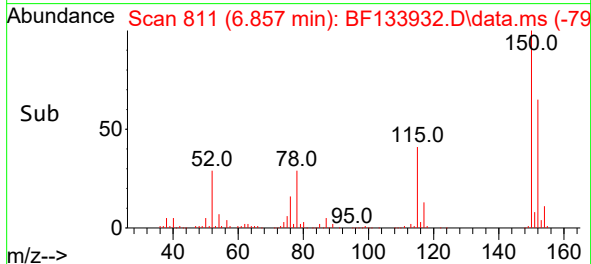
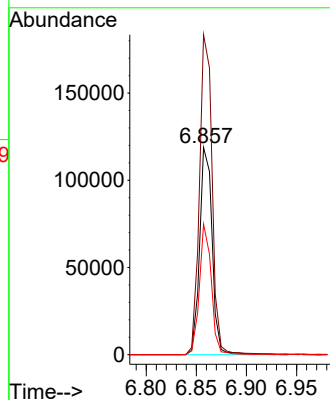
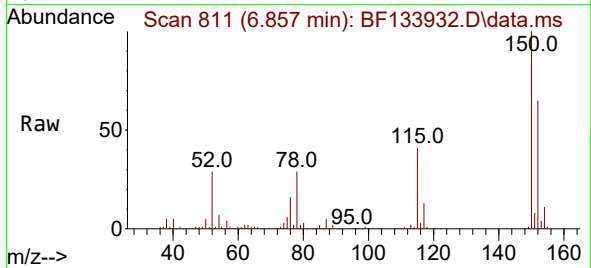




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

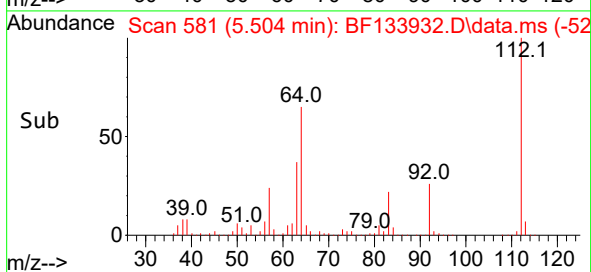
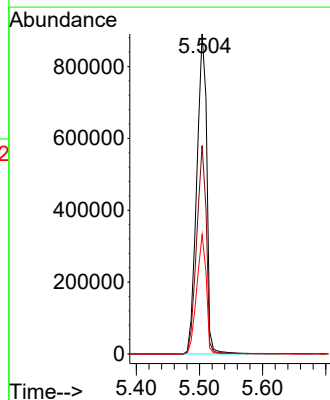
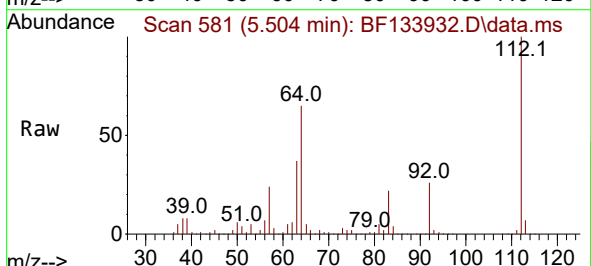
Instrument :
BNA_F
ClientSampleId :
PB153615BL

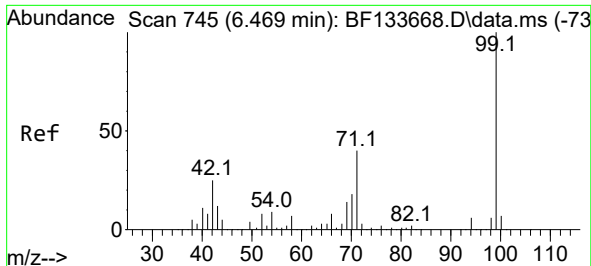
Tgt Ion:152 Resp: 103625
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 164.990 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

Tgt Ion:112 Resp: 982083
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.4
63 37.3 26.8 40.2

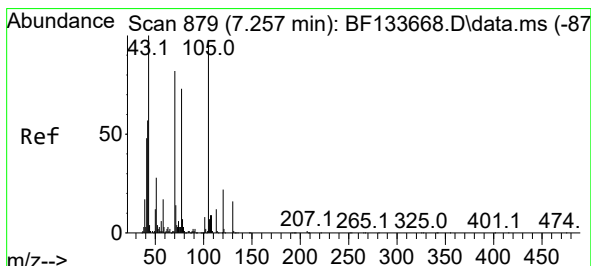
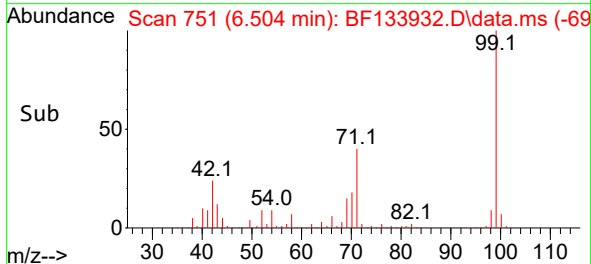
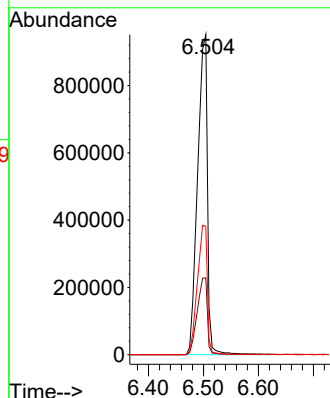
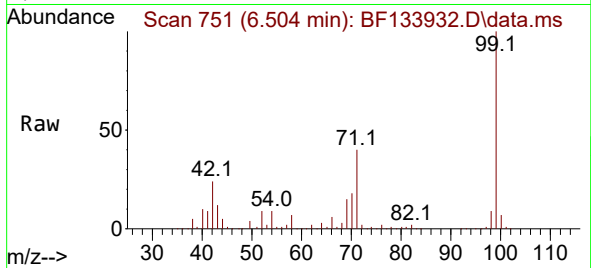




#7
Phenol-d6
Concen: 153.462 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

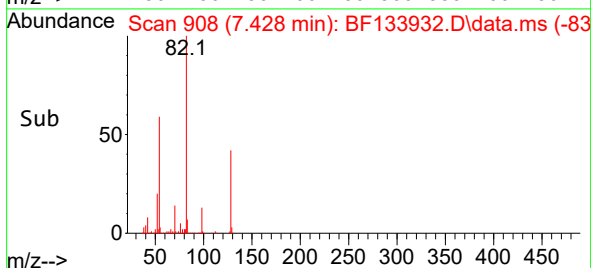
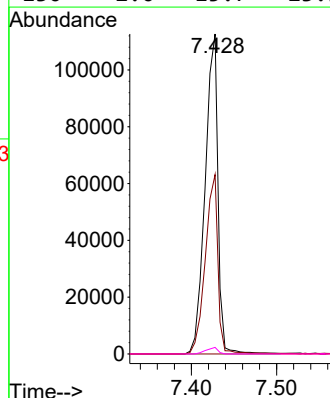
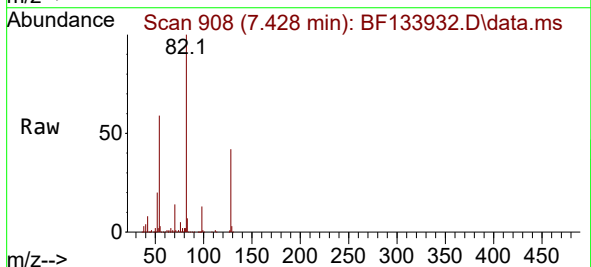
Instrument :
BNA_F
ClientSampleId :
PB153615BL

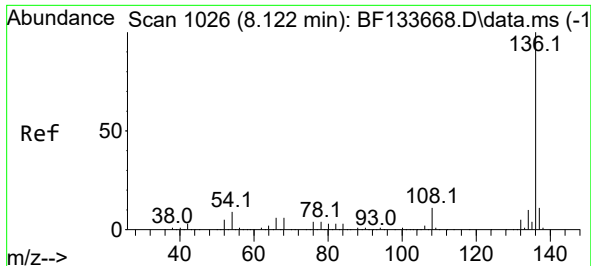
Tgt Ion: 99 Resp: 1189026
Ion Ratio Lower Upper
99 100
42 24.0 19.9 29.9
71 40.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.830 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.153 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

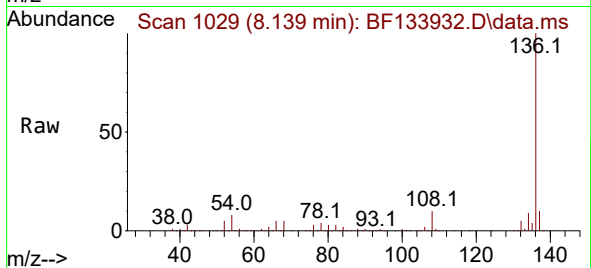
Tgt Ion: 70 Resp: 117471
Ion Ratio Lower Upper
70 100
42 56.1 55.8 83.8
101 0.0 8.1 12.1#
130 2.0 15.7 23.5#



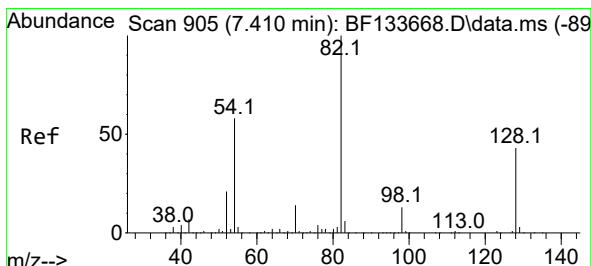
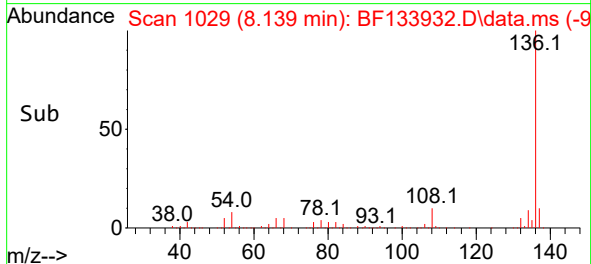
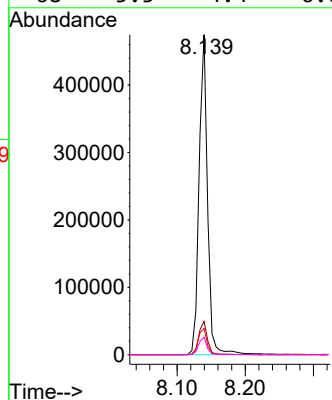


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

Instrument :
BNA_F
ClientSampleId :
PB153615BL

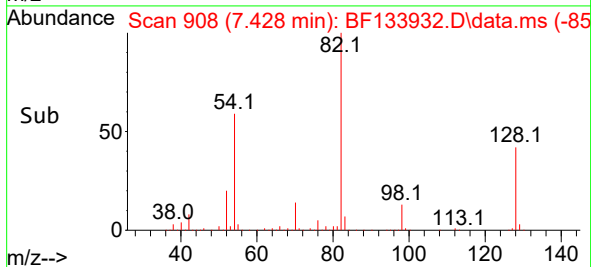
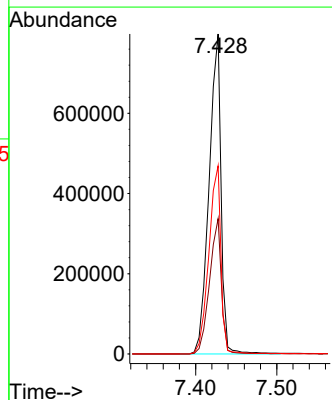
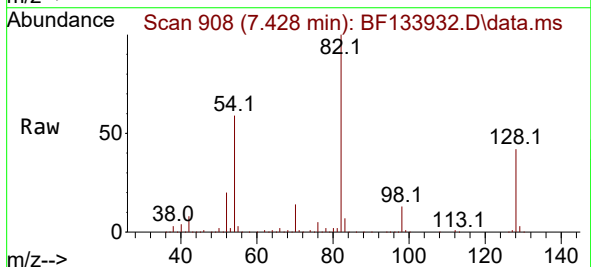


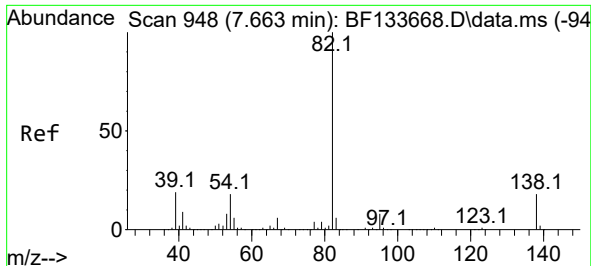
Tgt Ion:136 Resp: 407823
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.2 7.4 11.0
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 109.287 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

Tgt Ion: 82 Resp: 818292
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 58.8 46.5 69.7

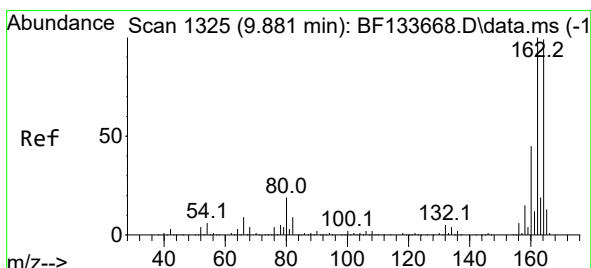
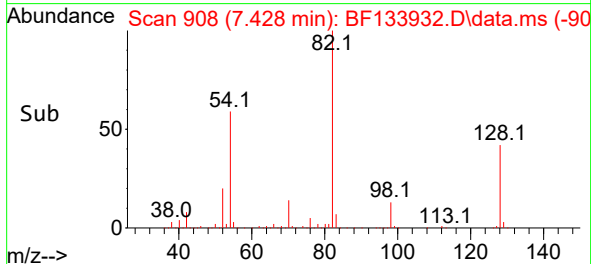
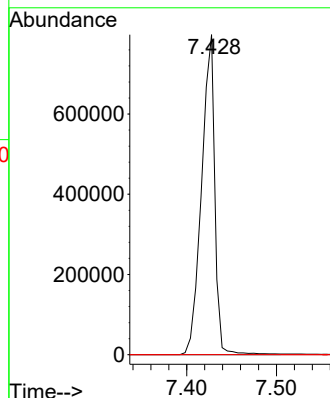
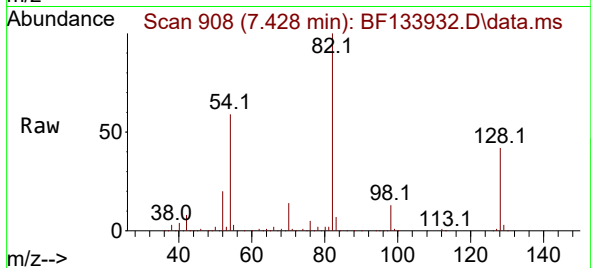




#25
Isophorone
Concen: 59.454 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

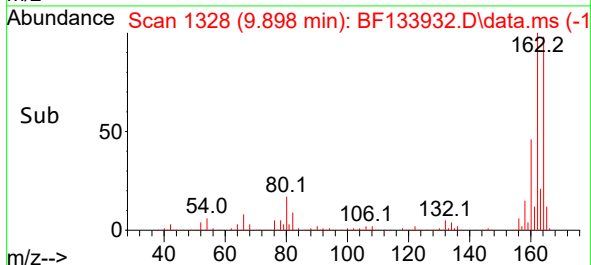
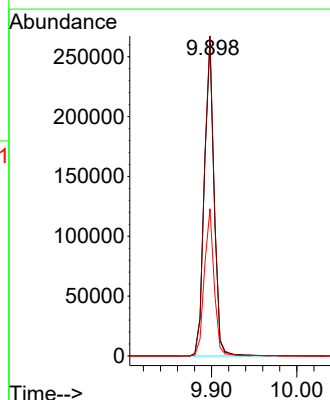
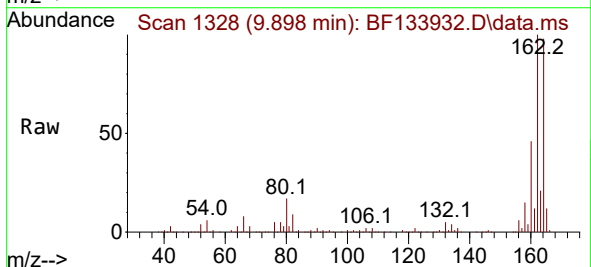
Instrument :
BNA_F
ClientSampleId :
PB153615BL

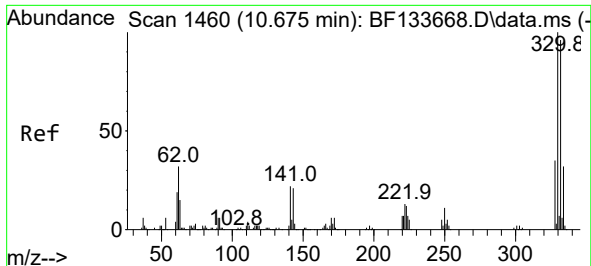
Tgt Ion: 82 Resp: 817276
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

Tgt Ion:164 Resp: 209636
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 47.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 155.202 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF133932.D

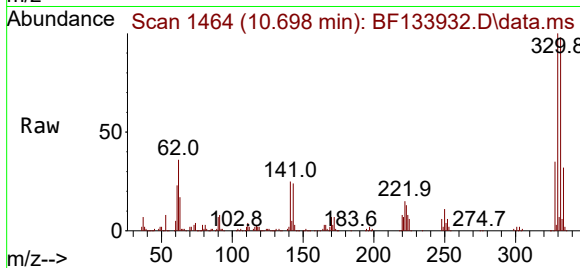
Acq: 23 Jun 2023 09:12

Instrument :

BNA_F

ClientSampleId :

PB153615BL



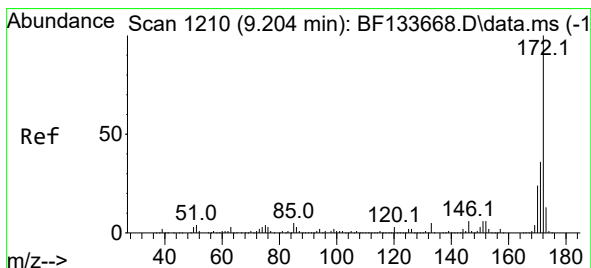
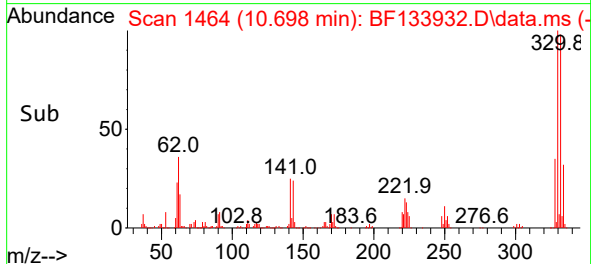
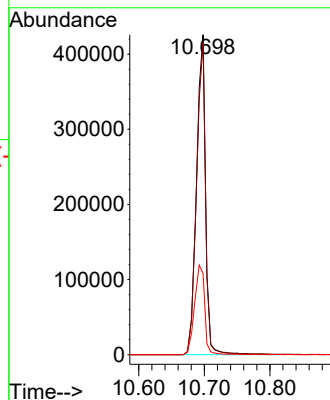
Tgt Ion:330 Resp: 411846

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 31.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.654 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

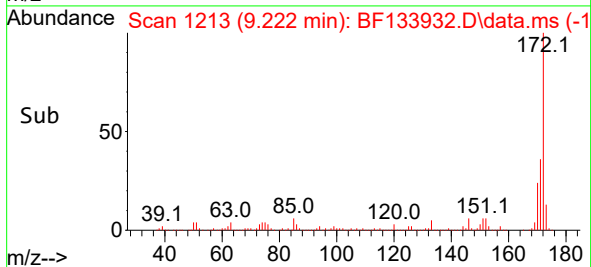
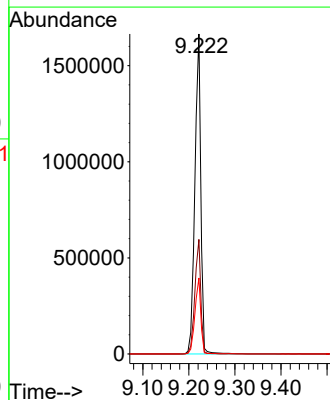
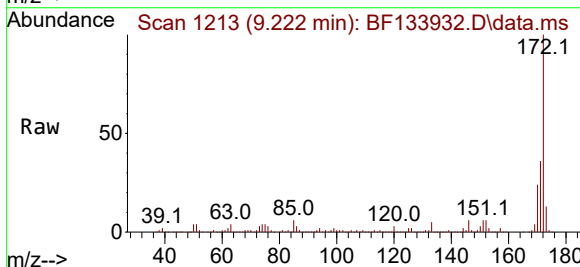
Tgt Ion:172 Resp: 1484377

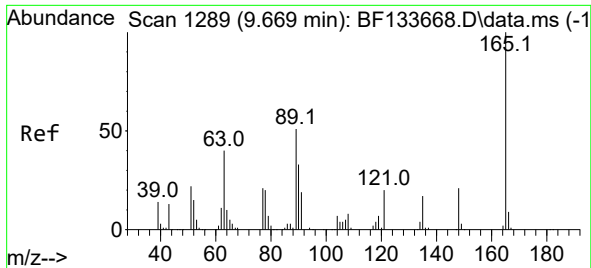
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 19.1 28.7

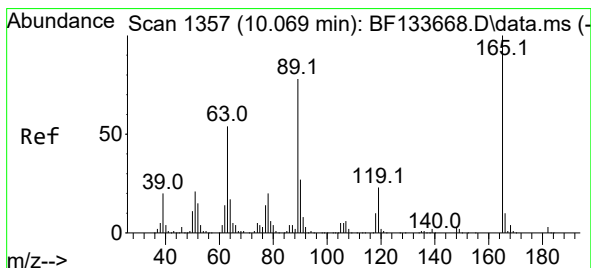
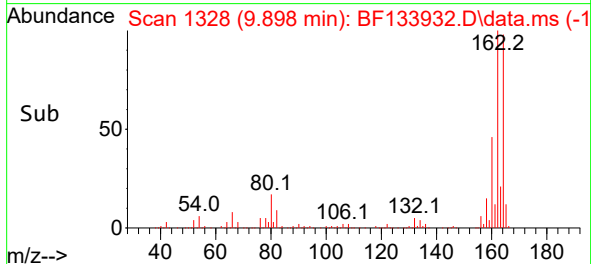
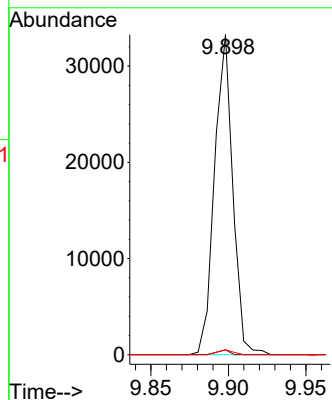
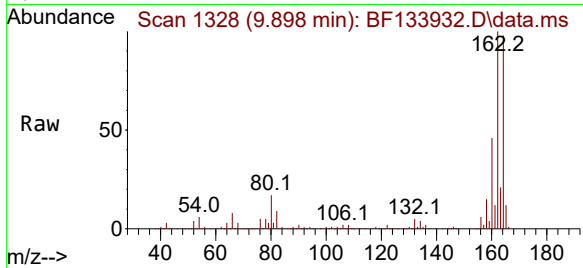




#51
2,6-Dinitrotoluene
Concen: 8.424 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

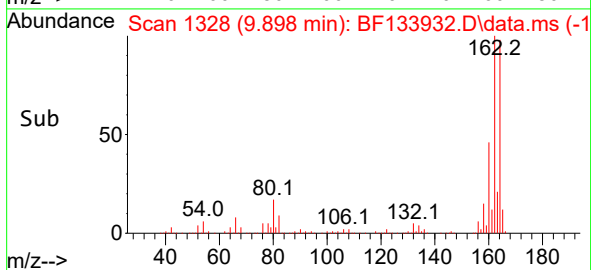
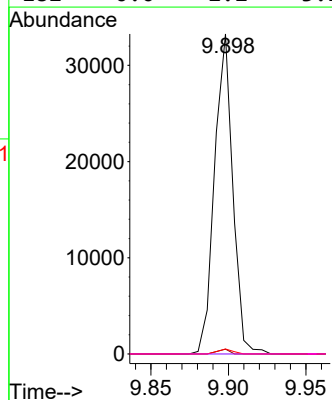
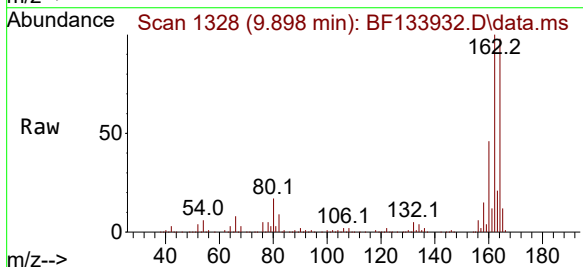
Instrument :
BNA_F
ClientSampleId :
PB153615BL

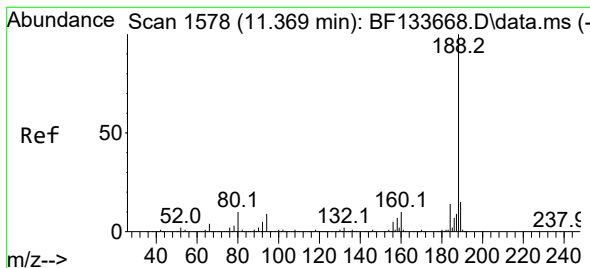
Tgt Ion:165 Resp: 27208
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.5 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133932.D
Acq: 23 Jun 2023 09:12

Tgt Ion:165 Resp: 27208
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.5 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

Instrument :

BNA_F

ClientSampleId :

PB153615BL

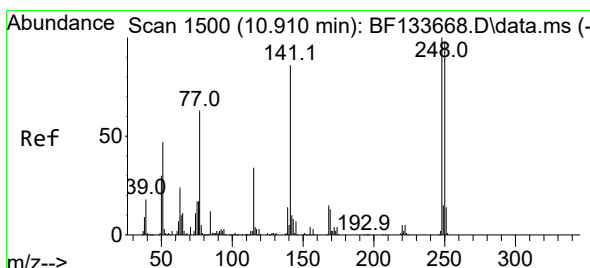
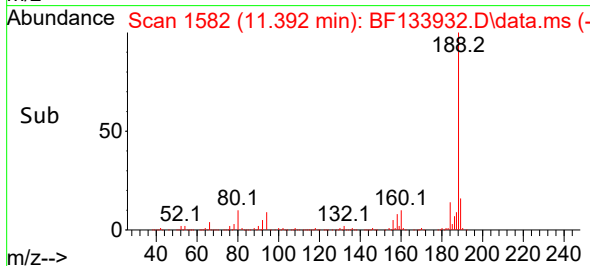
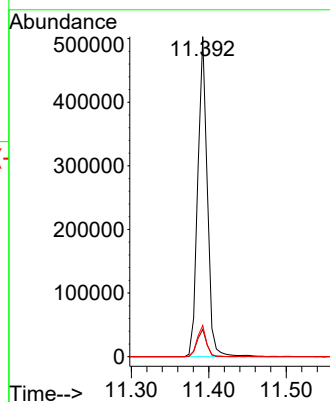
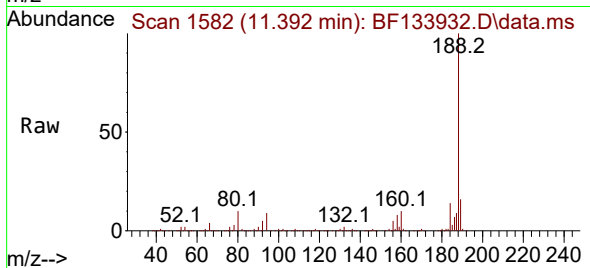
Tgt Ion:188 Resp: 430091

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.8 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 5.383 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

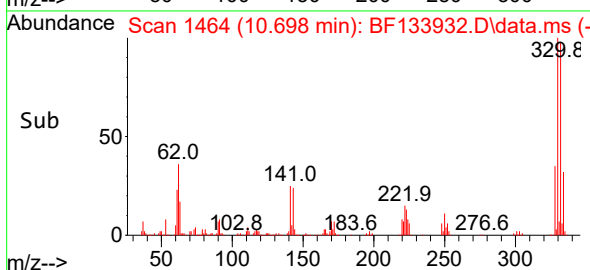
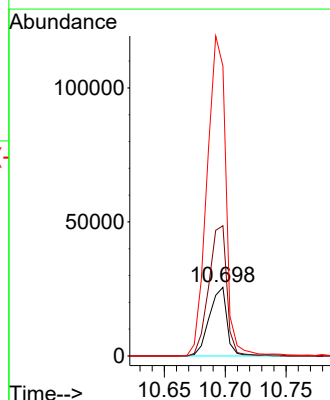
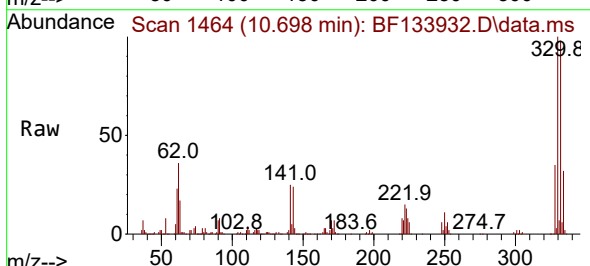
Tgt Ion:248 Resp: 25842

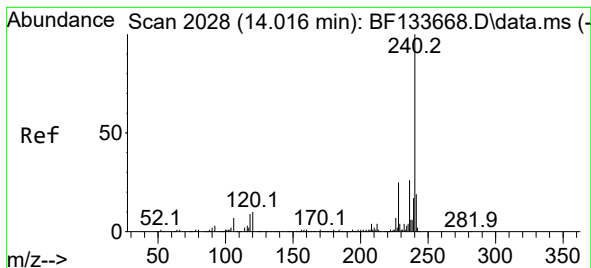
Ion Ratio Lower Upper

248 100

250 189.7 78.3 117.5#

141 422.3 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

Instrument :

BNA_F

ClientSampleId :

PB153615BL

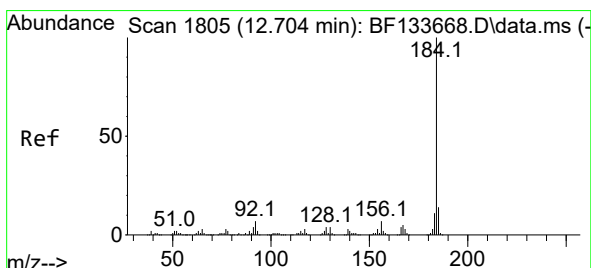
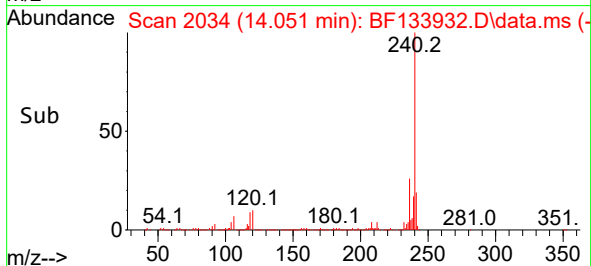
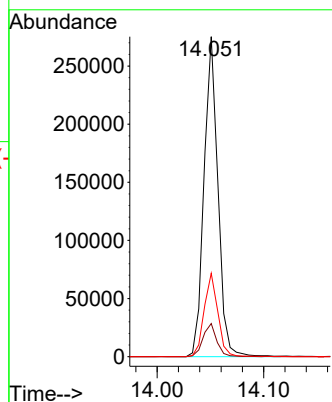
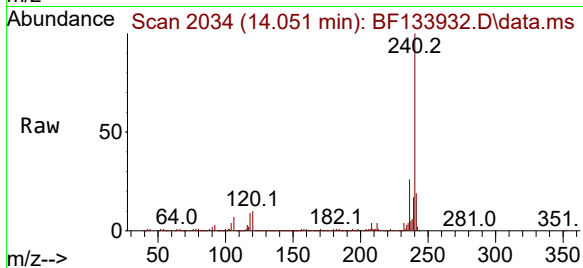
Tgt Ion:240 Resp: 250446

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 26.0 20.5 30.7



#77

Benzidine

Concen: 3.001 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

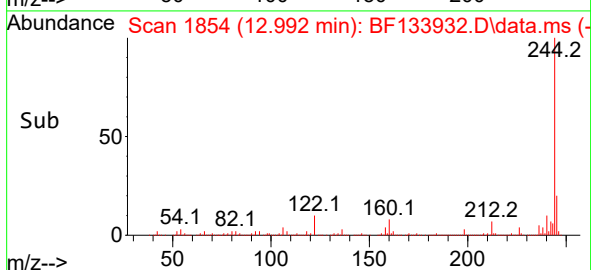
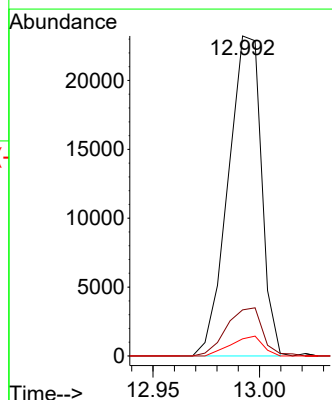
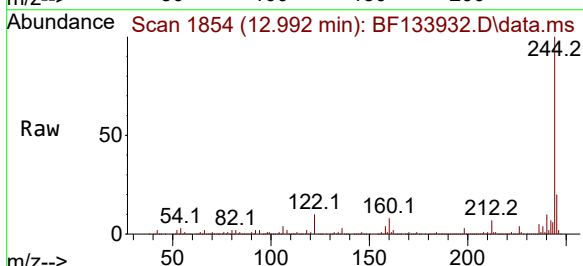
Tgt Ion:184 Resp: 25220

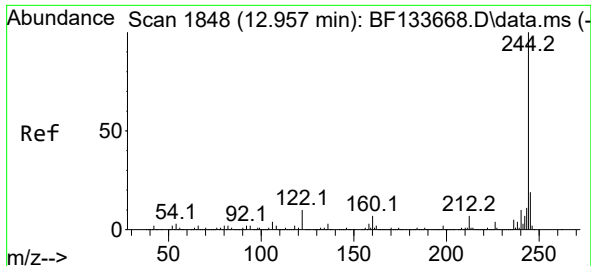
Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 5.3 8.4 12.6#

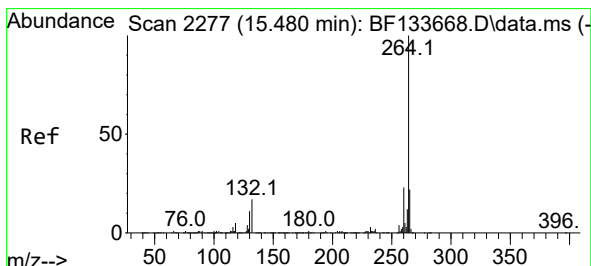
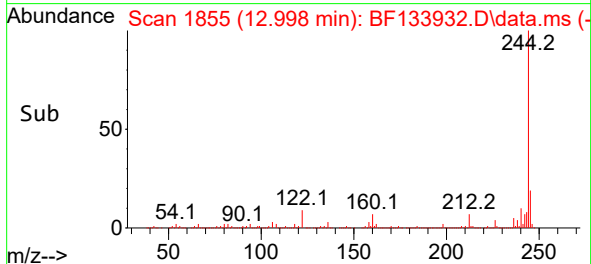
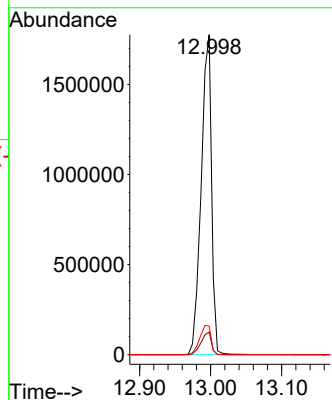
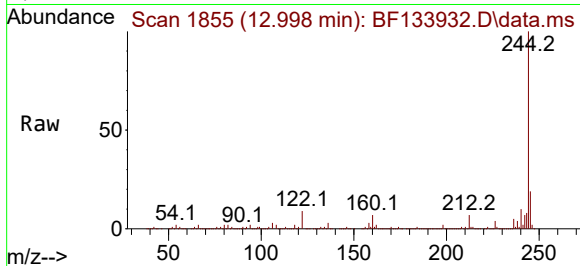




#79
 Terphenyl-d14
 Concen: 111.766 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF133932.D
 Acq: 23 Jun 2023 09:12

Instrument :
 BNA_F
 ClientSampleId :
 PB153615BL

Tgt Ion:244 Resp: 1808992
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 8.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.000 min
 Lab File: BF133932.D
 Acq: 23 Jun 2023 09:12

Tgt Ion:264 Resp: 212927
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 19.6 17.8 26.6

