

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133917.D
 Acq On : 22 Jun 2023 23:52
 Operator : CG\JU
 Sample :
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-24

Quant Time: Jun 23 05:05:50 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)

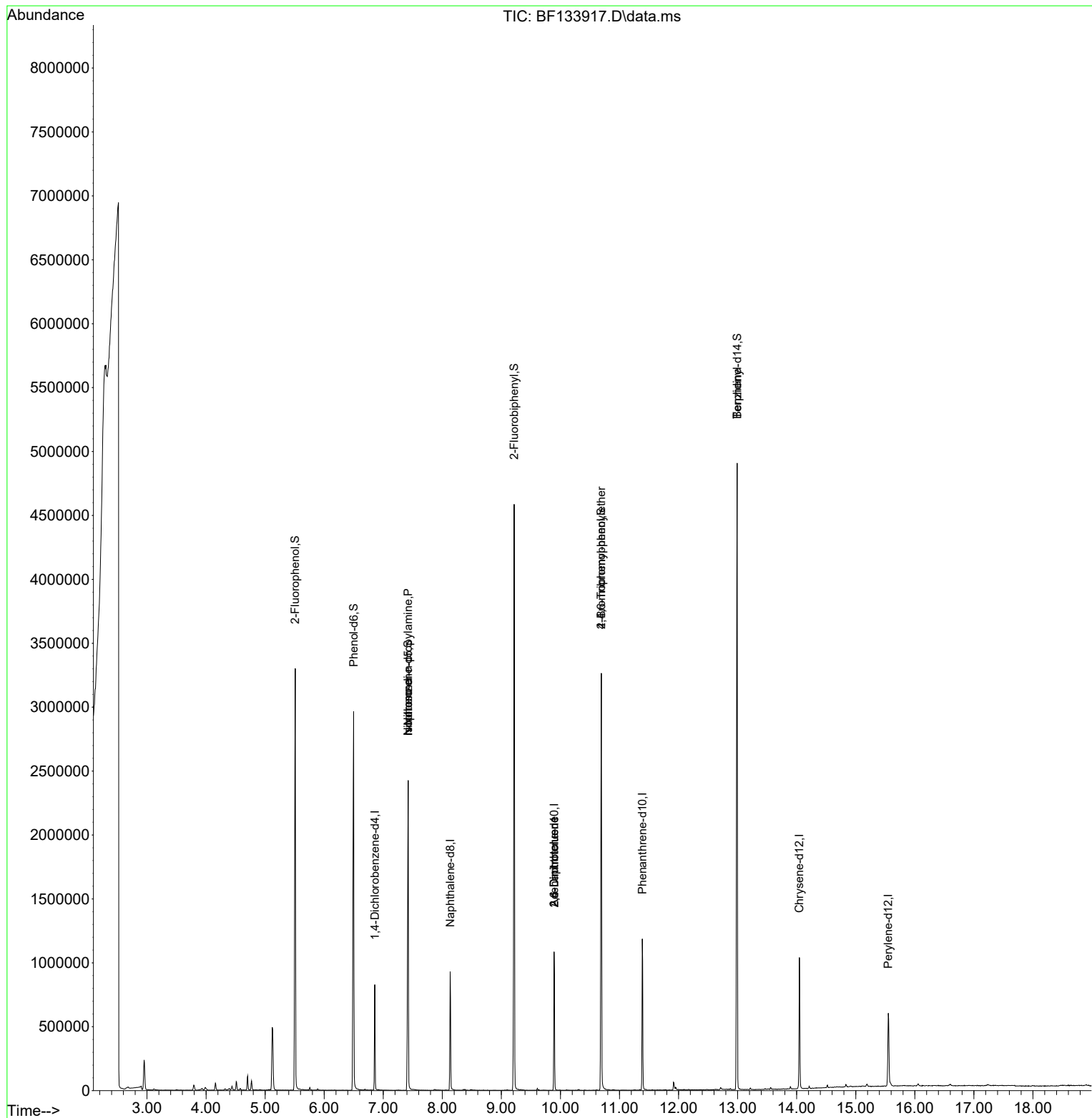
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	107415	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	422295	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	217676	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	448840	20.000	ng	0.00
76) Chrysene-d12	14.045	240	347296	20.000	ng	-0.01
86) Perylene-d12	15.551	264	300654	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	866041	140.361	ng	0.02
7) Phenol-d6	6.498	99	978036	121.777	ng	0.00
23) Nitrobenzene-d5	7.422	82	783914	101.108	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	409862	148.749	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1440288	94.057	ng	0.00
79) Terphenyl-d14	12.992	244	1800002	80.197	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	111763	21.872	ng	# 77
25) Isophorone	7.422	82	783904	55.072	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	27617	8.235	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	27617	6.475	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	24525	4.896	ng	# 1
77) Benzidine	12.992	184	25649	2.201	ng	# 91

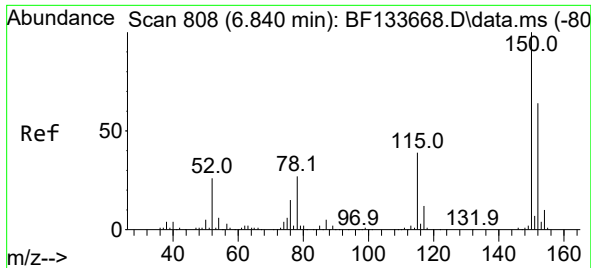
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133917.D
Acq On : 22 Jun 2023 23:52
Operator : CG\JU
Sample :
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-24

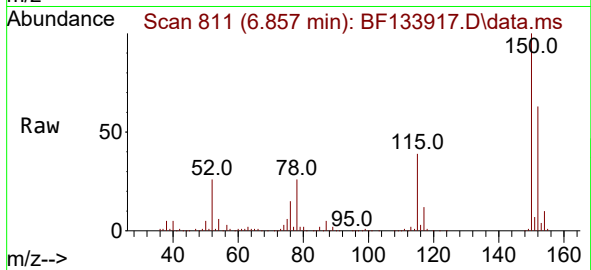
Quant Time: Jun 23 05:05:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration



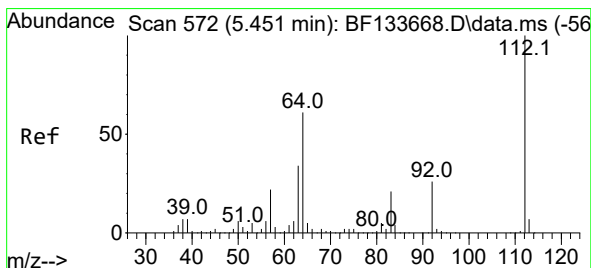
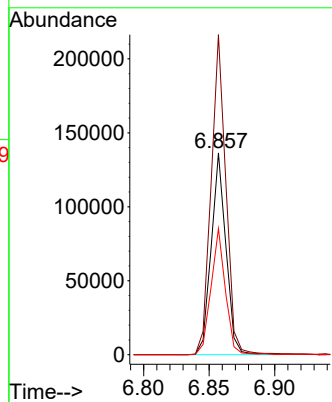
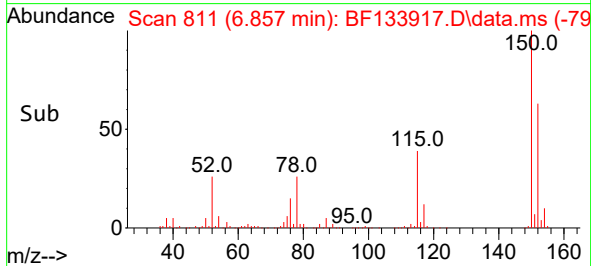


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

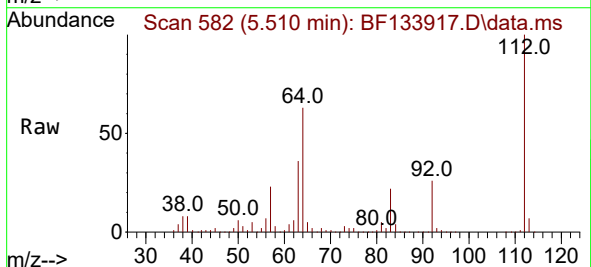
Instrument :
BNA_F
ClientSampleId :
WC-24



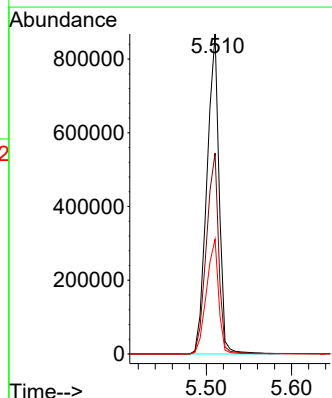
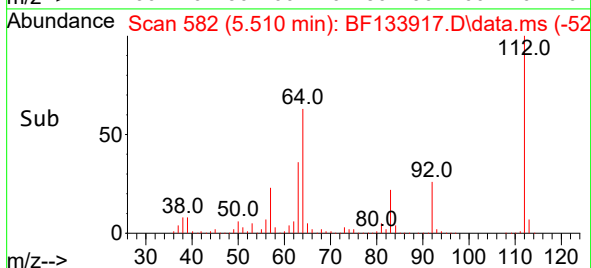
Tgt Ion:152 Resp: 107415
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 62.5 48.5 72.7

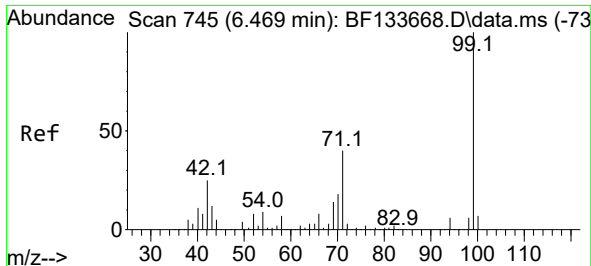


#5
2-Fluorophenol
Concen: 140.361 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52



Tgt Ion:112 Resp: 866041
Ion Ratio Lower Upper
112 100
64 62.8 49.0 73.4
63 35.9 26.8 40.2

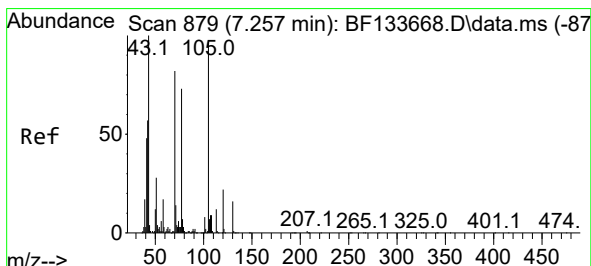
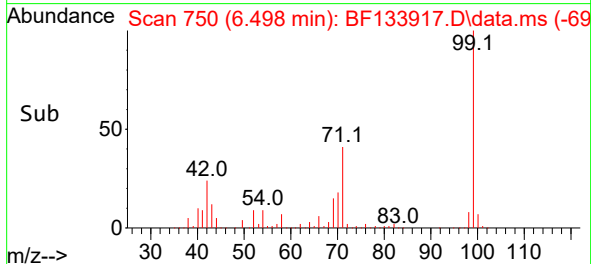
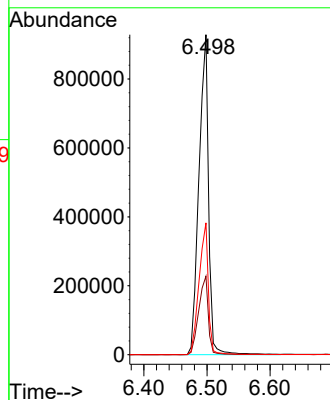
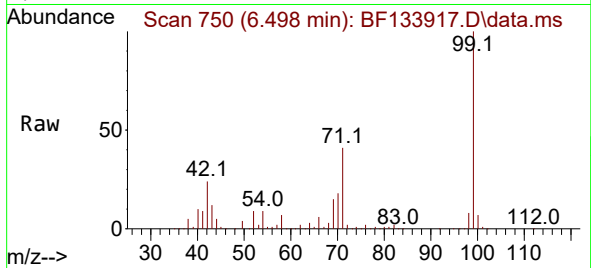




#7
Phenol-d6
Concen: 121.777 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

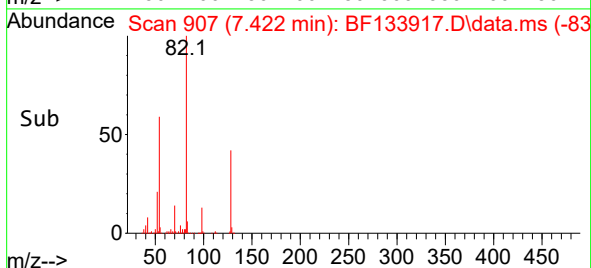
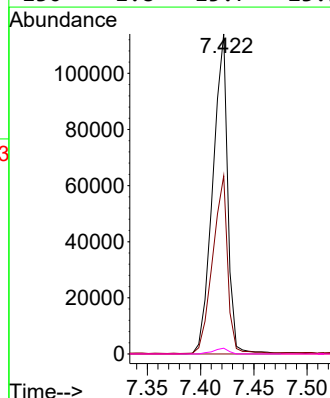
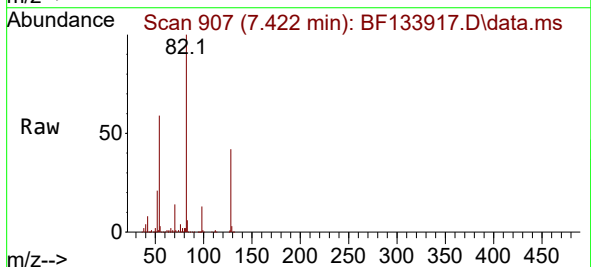
Instrument :
BNA_F
ClientSampleId :
WC-24

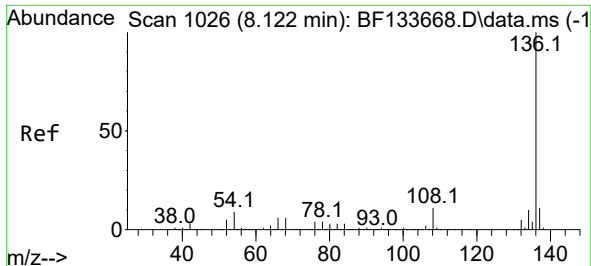
Tgt Ion: 99 Resp: 978036
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 41.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.872 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion: 70 Resp: 111763
Ion Ratio Lower Upper
70 100
42 55.7 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

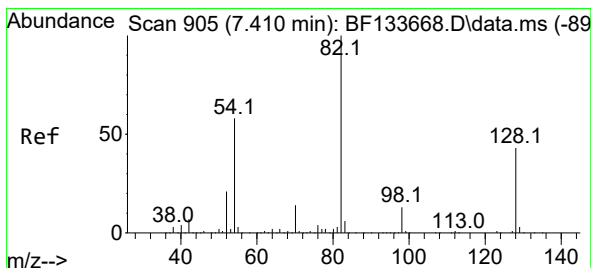
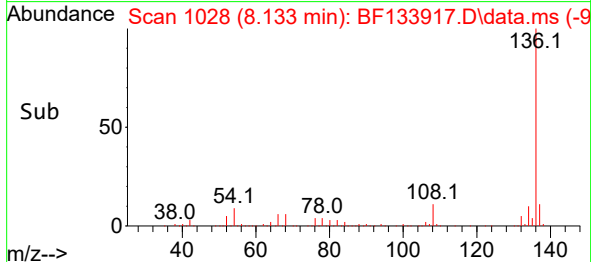
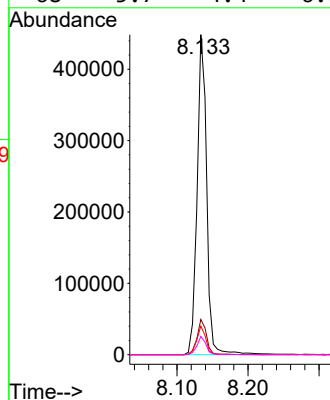
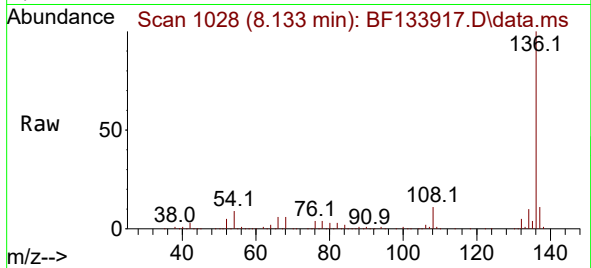




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

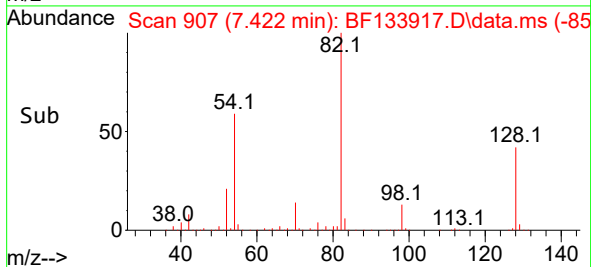
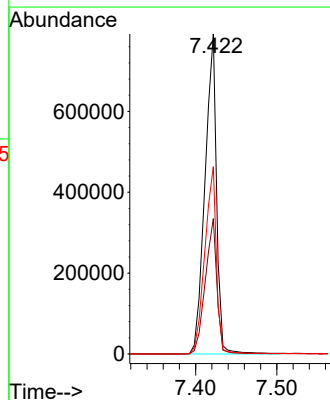
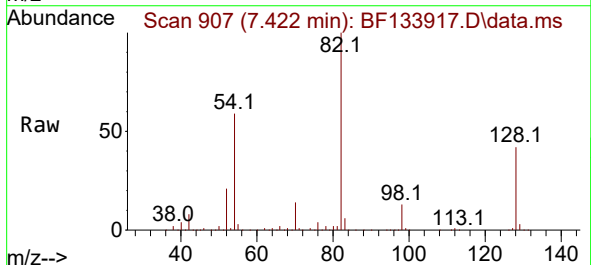
Instrument :
BNA_F
ClientSampleId :
WC-24

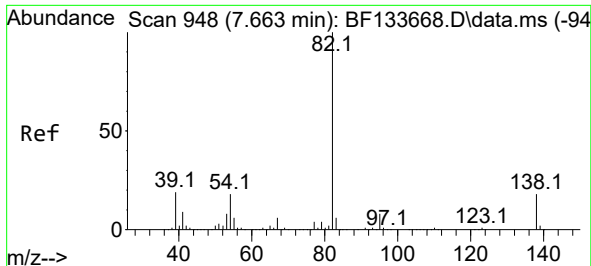
Tgt Ion:136 Resp: 422295
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.9 7.4 11.0
68 5.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 101.108 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion: 82 Resp: 783914
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 58.5 46.5 69.7

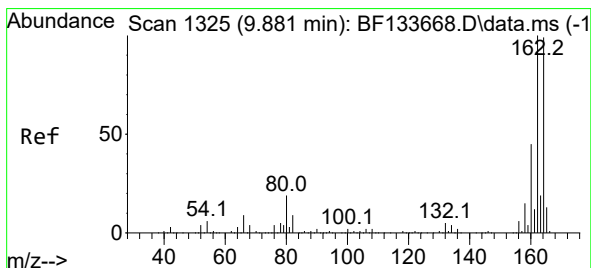
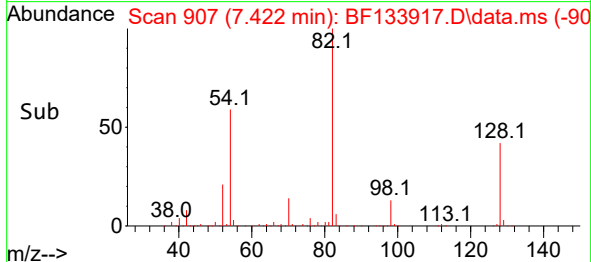
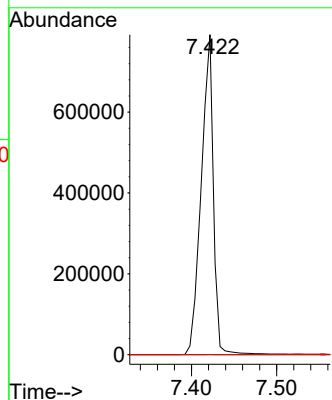
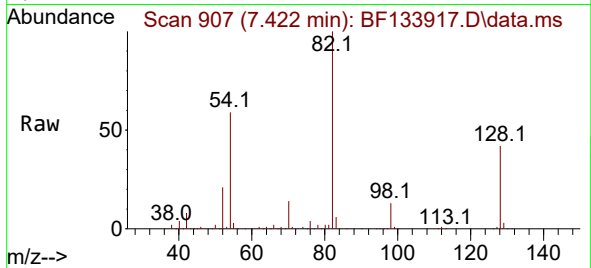




#25
Isophorone
Concen: 55.072 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

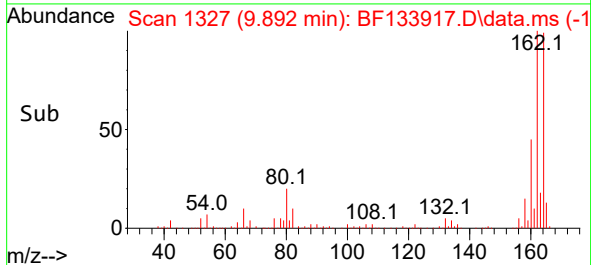
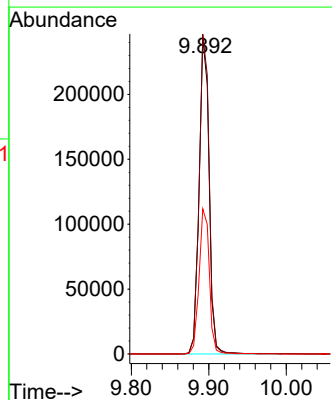
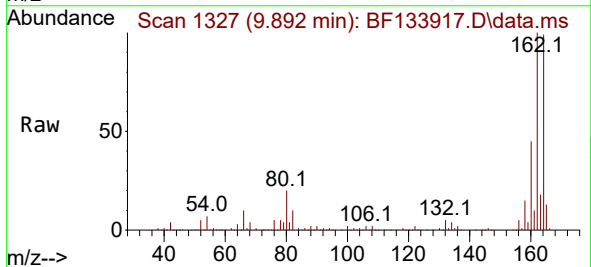
Instrument :
BNA_F
ClientSampleId :
WC-24

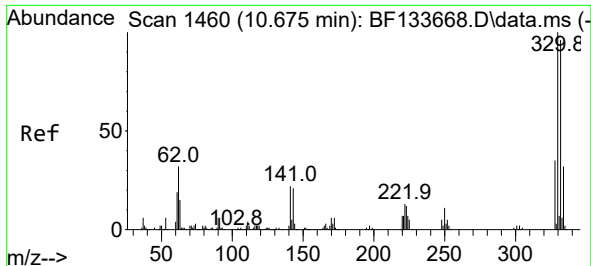
Tgt Ion: 82 Resp: 783904
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion:164 Resp: 217676
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 148.749 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

WC-24

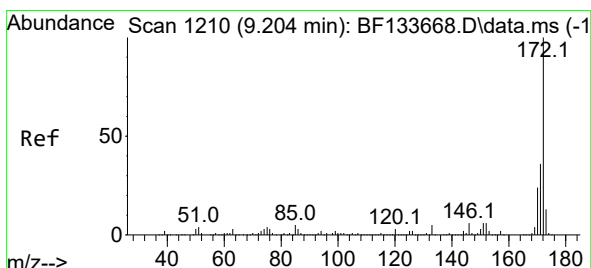
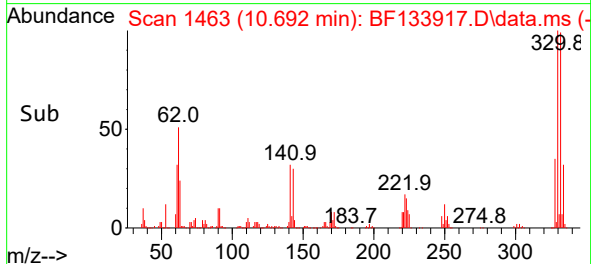
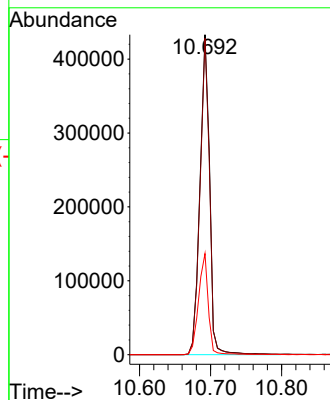
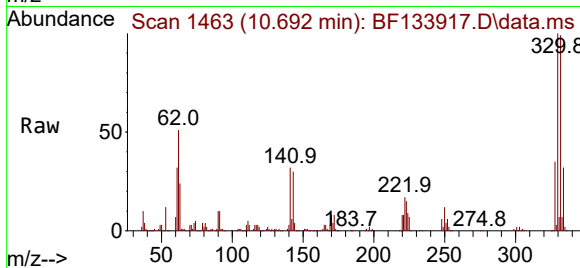
Tgt Ion:330 Resp: 409862

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

141 32.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 94.057 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

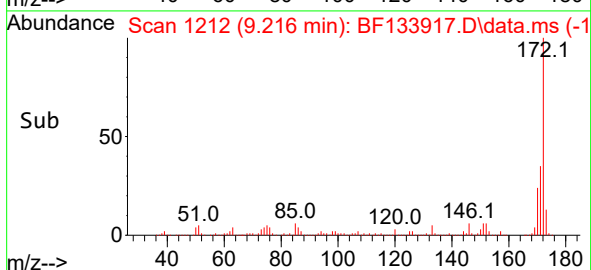
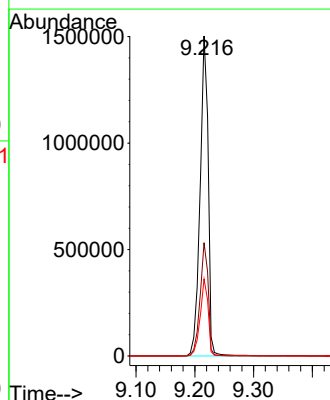
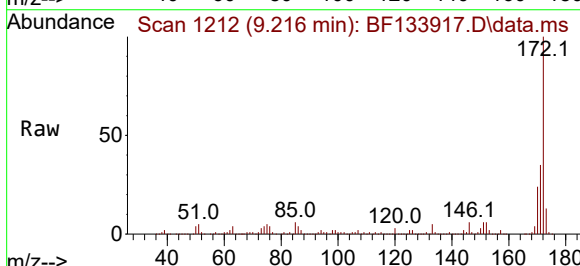
Tgt Ion:172 Resp: 1440288

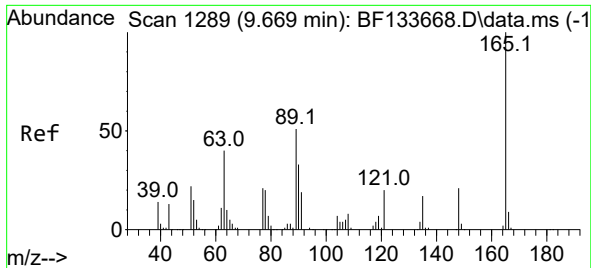
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.1 19.1 28.7

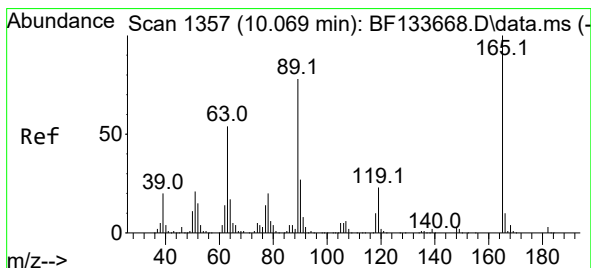
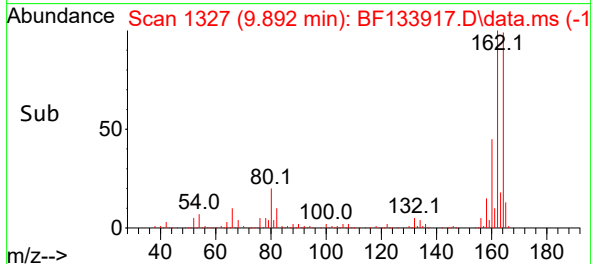
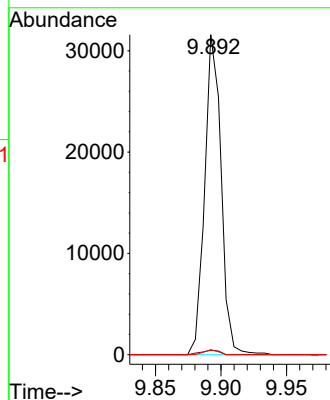
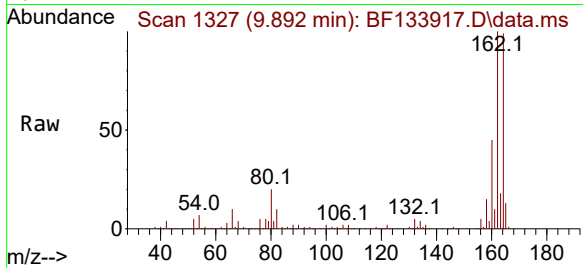




#51
2,6-Dinitrotoluene
Concen: 8.235 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

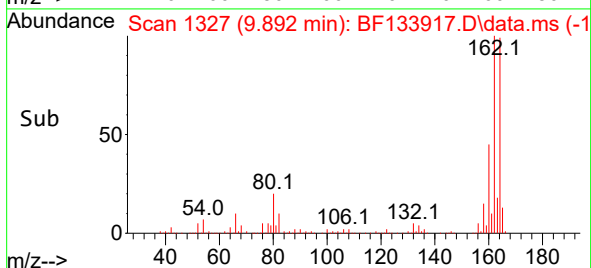
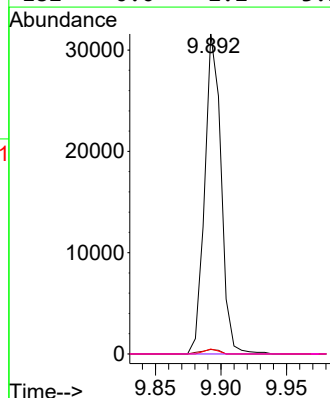
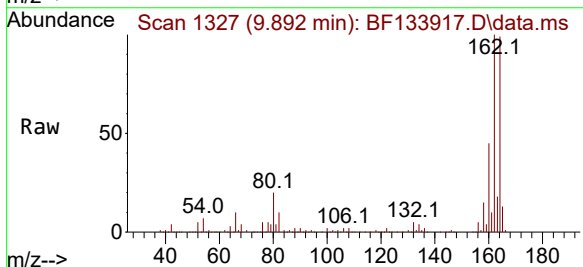
Instrument :
BNA_F
ClientSampleId :
WC-24

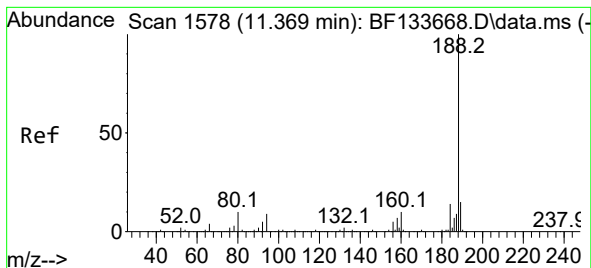
Tgt Ion:165 Resp: 27617
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.475 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133917.D
Acq: 22 Jun 2023 23:52

Tgt Ion:165 Resp: 27617
Ion Ratio Lower Upper
165 100
63 1.4 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: BF133917.D

Acq: 22 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

WC-24

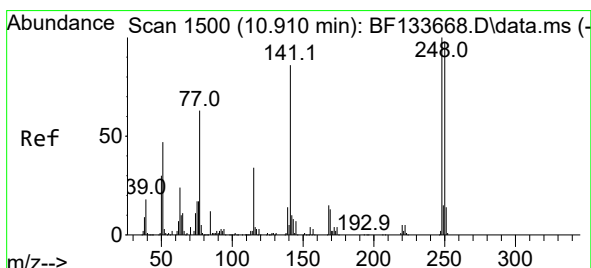
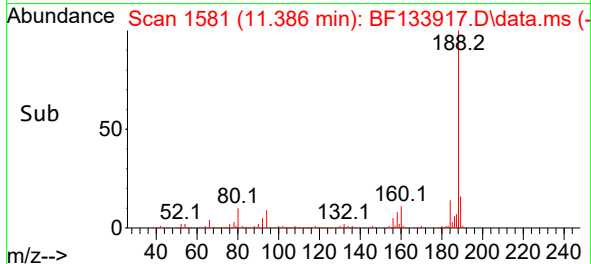
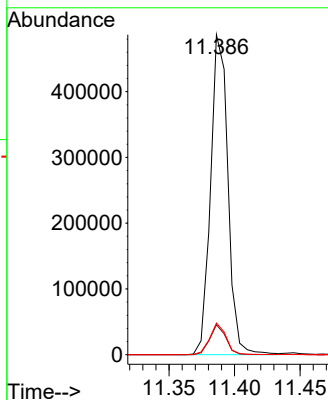
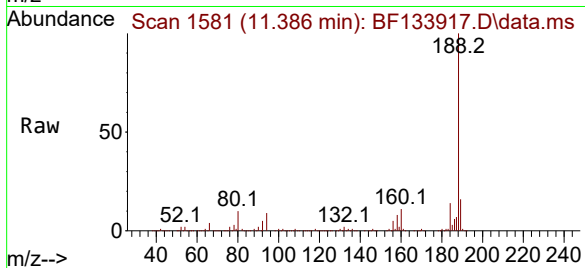
Tgt Ion:188 Resp: 448840

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

80 9.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.896 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

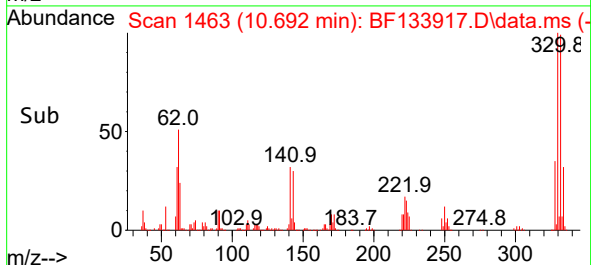
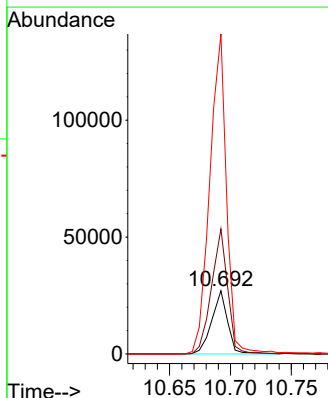
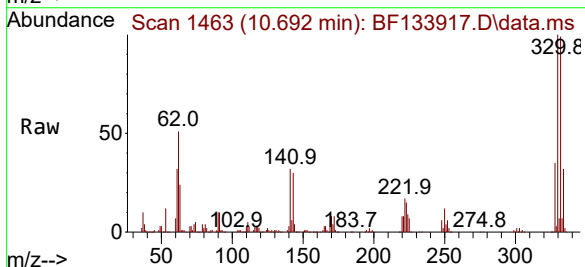
Tgt Ion:248 Resp: 24525

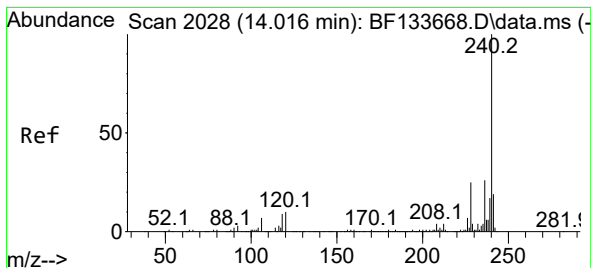
Ion Ratio Lower Upper

248 100

250 198.0 78.3 117.5#

141 506.4 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

WC-24

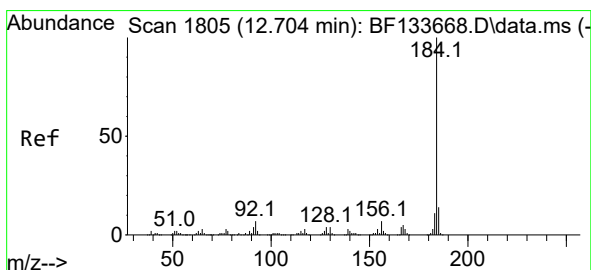
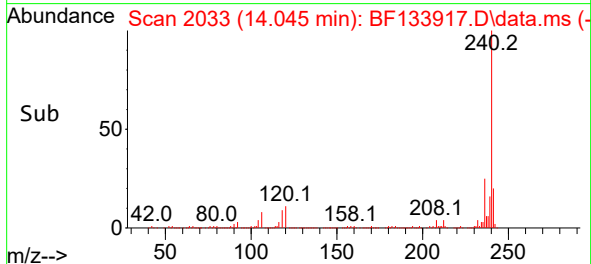
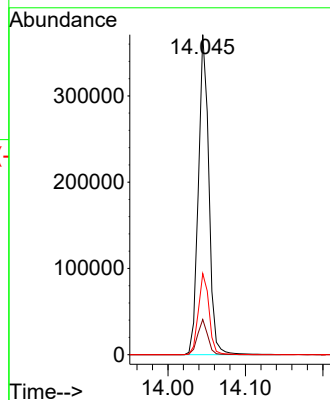
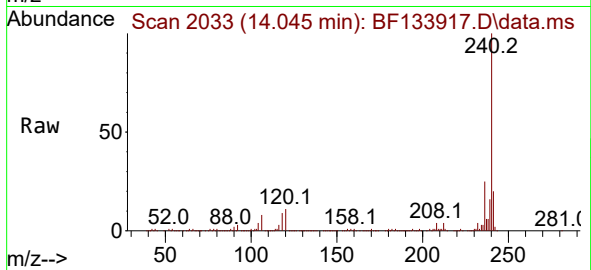
Tgt Ion:240 Resp: 347296

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 25.3 20.5 30.7



#77

Benzdine

Concen: 2.201 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133917.D

Acq: 22 Jun 2023 23:52

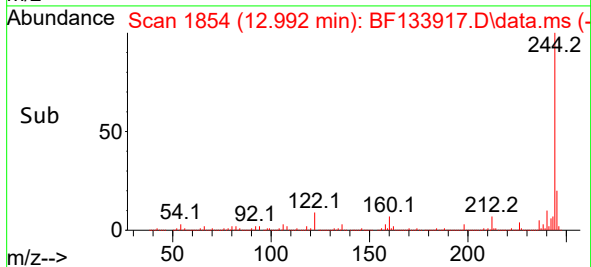
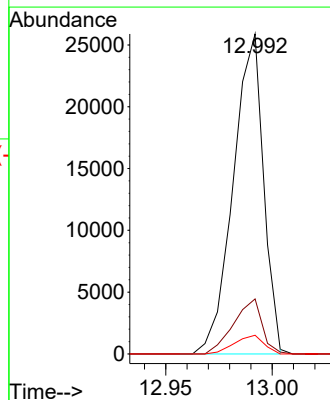
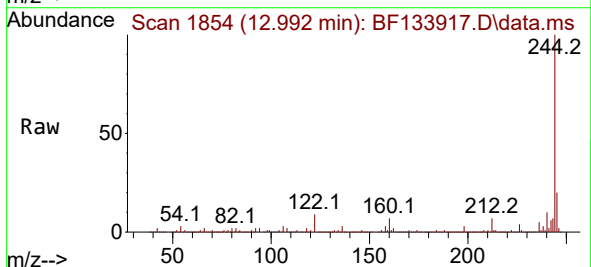
Tgt Ion:184 Resp: 25649

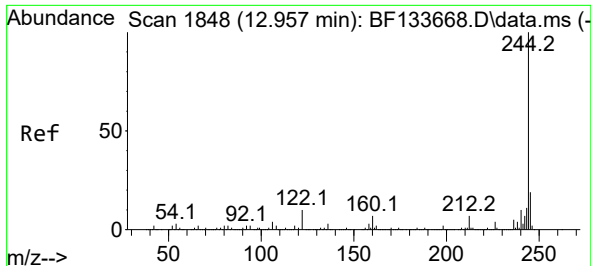
Ion Ratio Lower Upper

184 100

185 17.2 11.6 17.4

183 5.8 8.4 12.6#

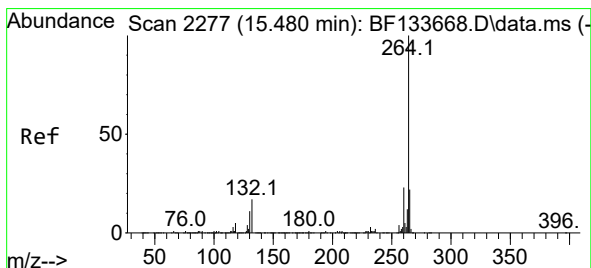
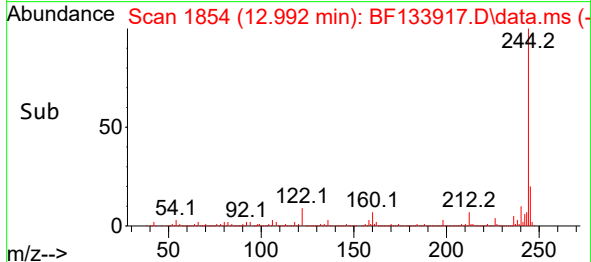
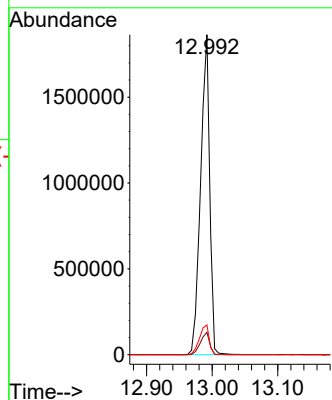
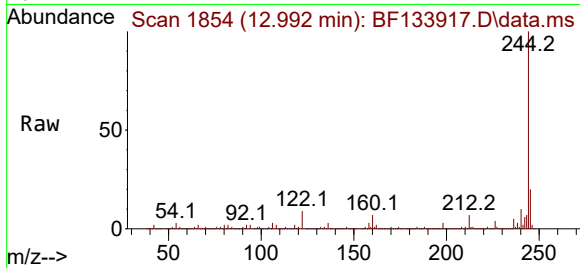




#79
 Terphenyl-d14
 Concen: 80.197 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133917.D
 Acq: 22 Jun 2023 23:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-24

Tgt Ion:244 Resp: 1800002
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.012 min
 Lab File: BF133917.D
 Acq: 22 Jun 2023 23:52

Tgt Ion:264 Resp: 300654
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 20.2 17.8 26.6

