

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133911.D
 Acq On : 22 Jun 2023 20:37
 Operator : CG\JU
 Sample : 03320-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12

Quant Time: Jun 23 05:04:34 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)

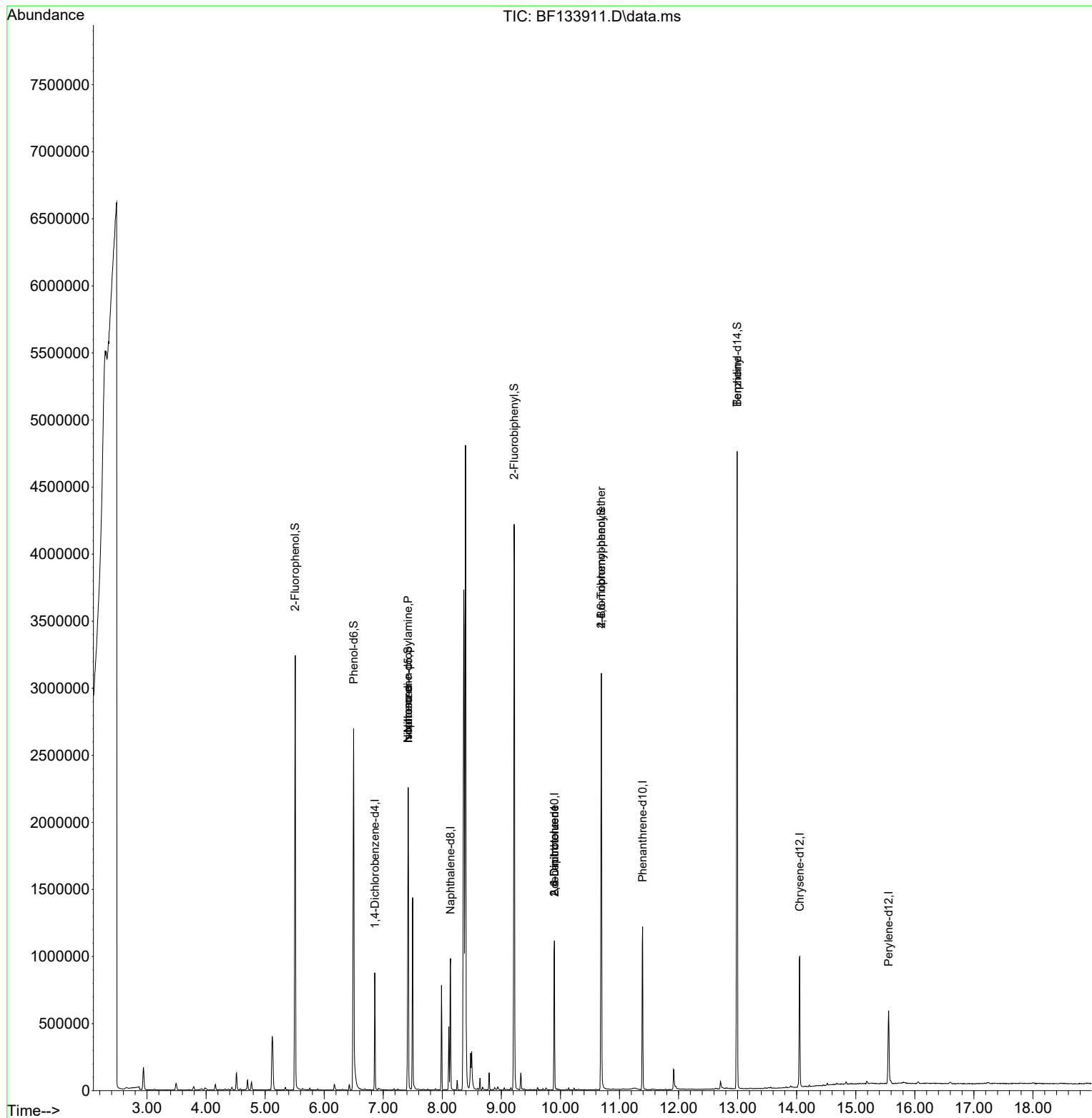
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	111345	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	434907	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	226803	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	461453	20.000	ng	0.00
76) Chrysene-d12	14.051	240	350329	20.000	ng	0.00
86) Perylene-d12	15.557	264	270888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	844046	131.968	ng	0.02
7) Phenol-d6	6.498	99	1008380	121.124	ng	0.00
23) Nitrobenzene-d5	7.422	82	753890	94.415	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	403704	140.618	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1352473	84.768	ng	0.00
79) Terphenyl-d14	12.992	244	1836020	81.094	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	106184	20.046	ng	# 79
25) Isophorone	7.422	82	752886	51.359	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	29059	8.316	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	29059	6.539	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	24665	4.789	ng	# 1
77) Benzydine	12.992	184	25869	2.201	ng	# 95

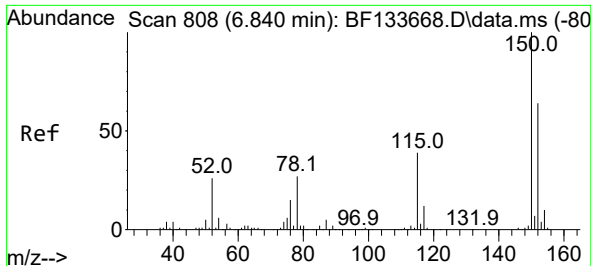
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133911.D
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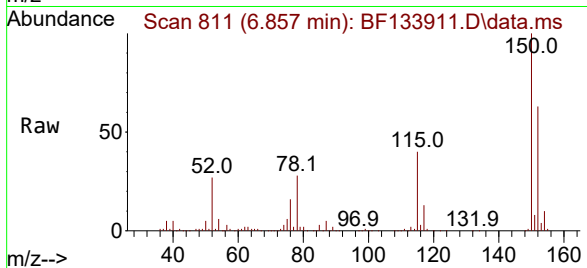
Quant Time: Jun 23 05:04:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration



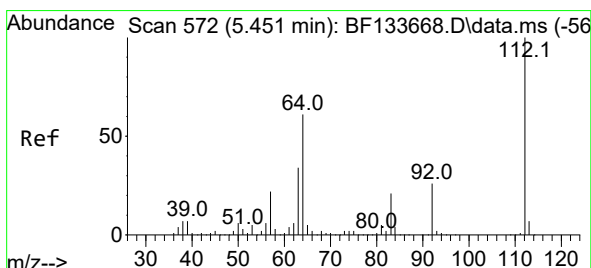
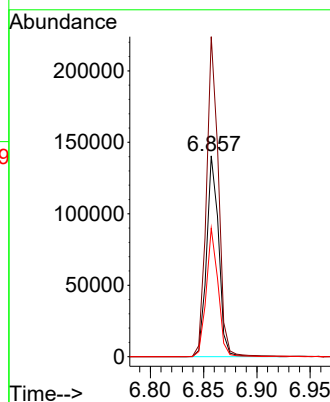
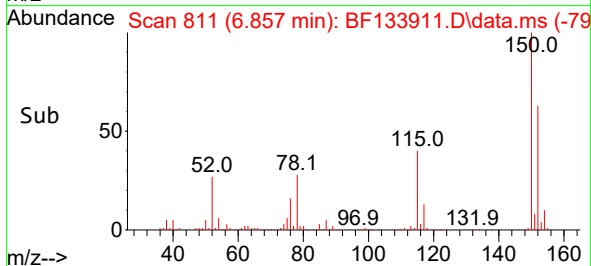


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

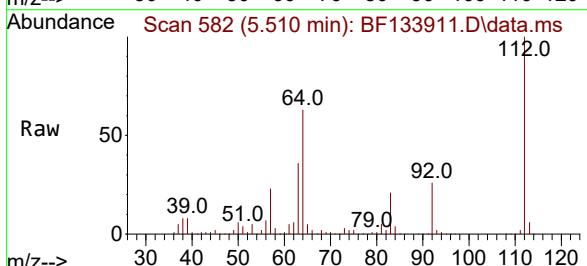
Instrument :
BNA_F
ClientSampleId :
WC-12



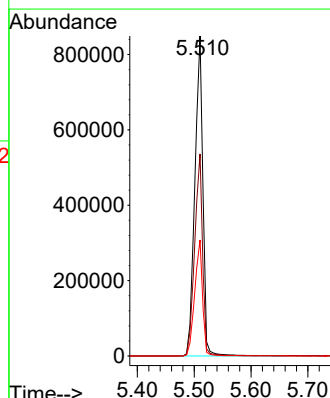
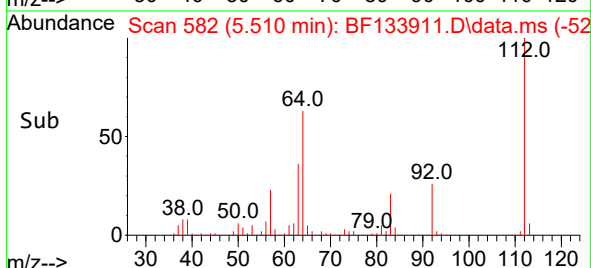
Tgt Ion:152 Resp: 111345
Ion Ratio Lower Upper
152 100
150 159.3 124.3 186.5
115 64.0 48.5 72.7

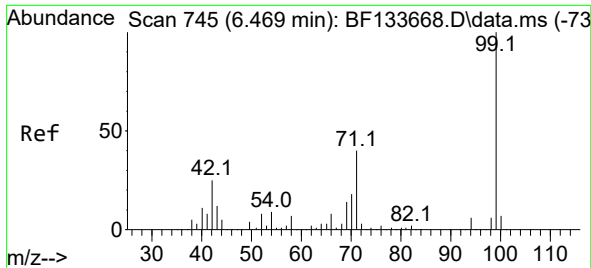


#5
2-Fluorophenol
Concen: 131.968 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37



Tgt Ion:112 Resp: 844046
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.4
63 36.3 26.8 40.2

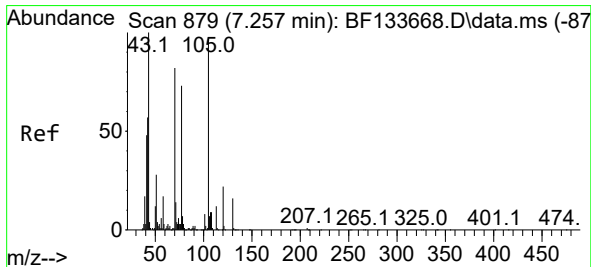
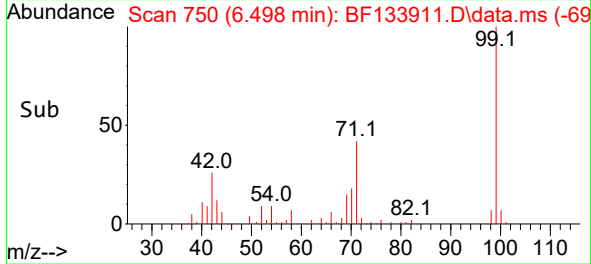
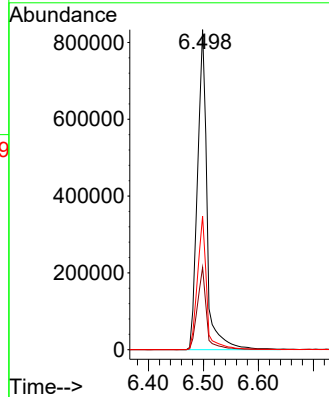
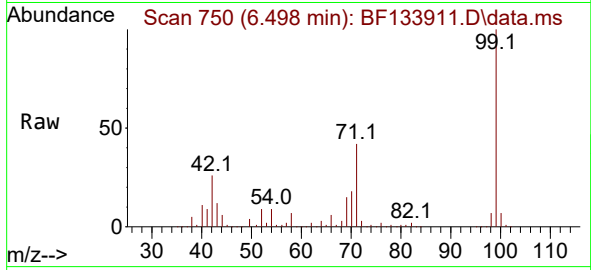




#7
Phenol-d6
Concen: 121.124 ng
RT: 6.498 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

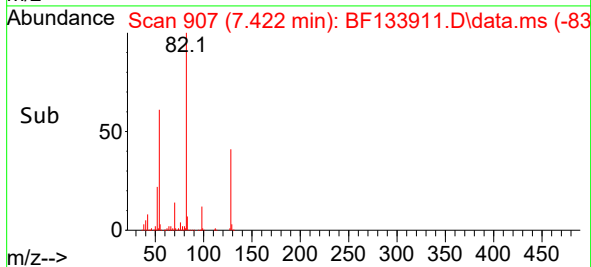
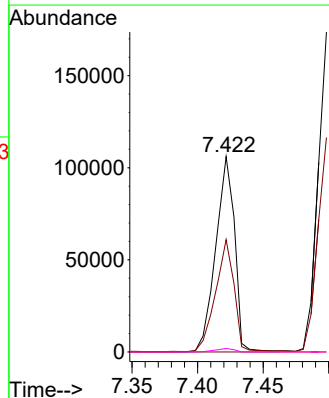
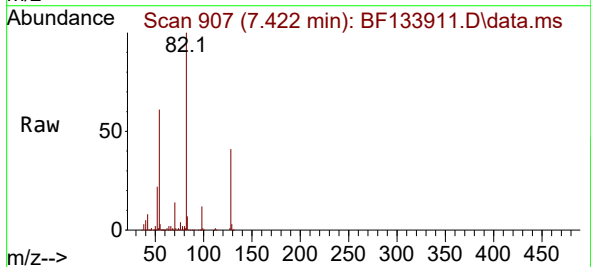
Instrument :
BNA_F
ClientSampleId :
WC-12

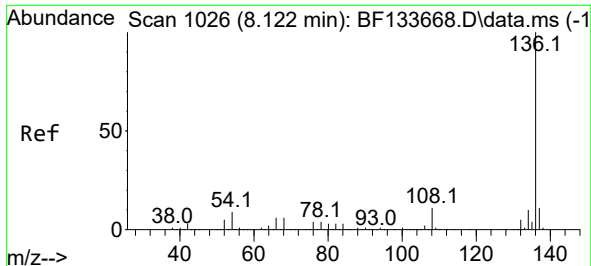
Tgt Ion: 99 Resp: 1008380
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 41.7 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.046 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

Tgt Ion: 70 Resp: 106184
Ion Ratio Lower Upper
70 100
42 57.5 55.8 83.8
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

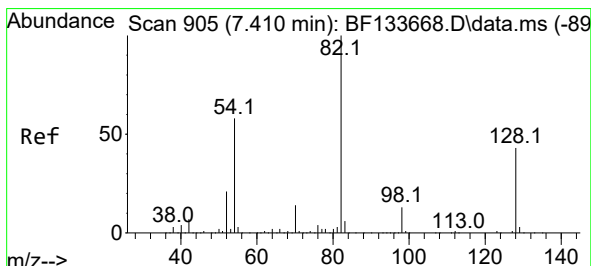
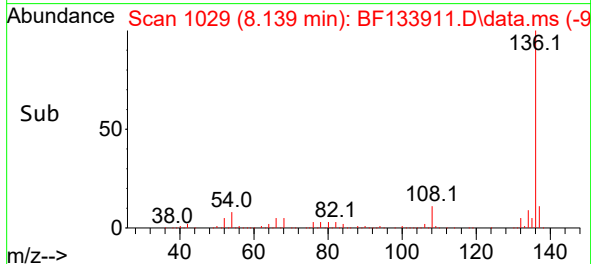
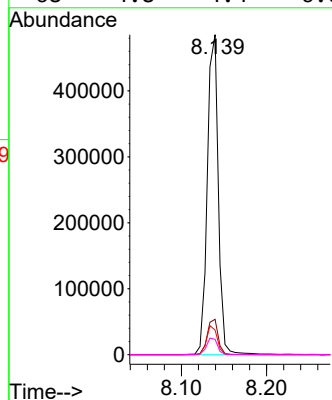
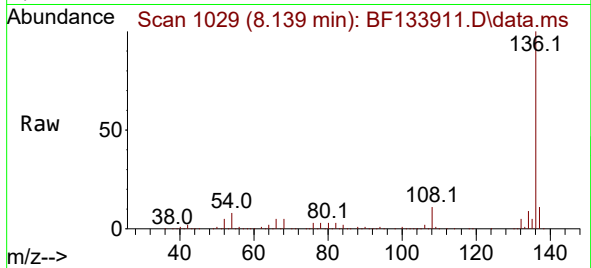




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

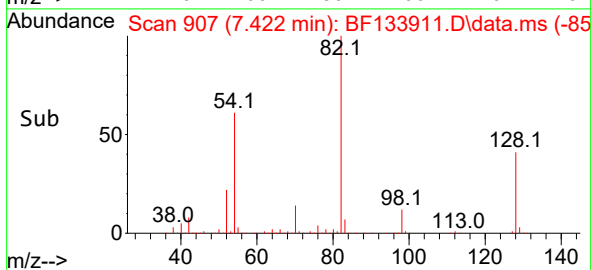
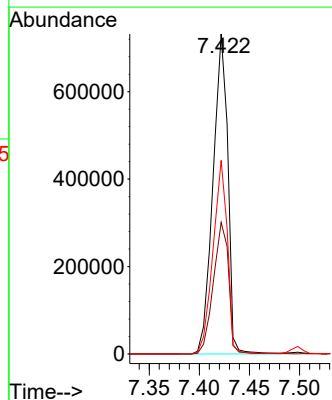
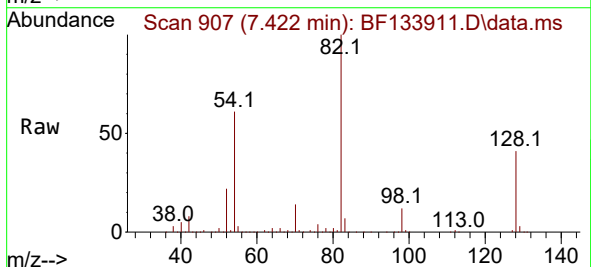
Instrument :
BNA_F
ClientSampleId :
WC-12

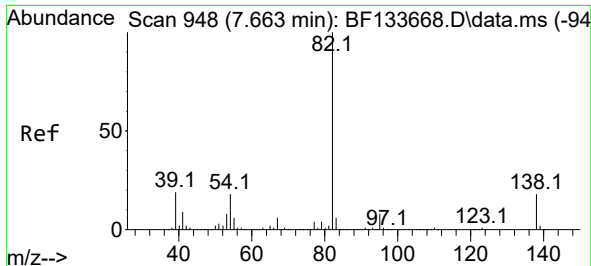
Tgt Ion:136 Resp: 434907
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 7.4 11.0
68 4.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 94.415 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

Tgt Ion: 82 Resp: 753890
Ion Ratio Lower Upper
82 100
128 41.1 34.2 51.2
54 60.5 46.5 69.7

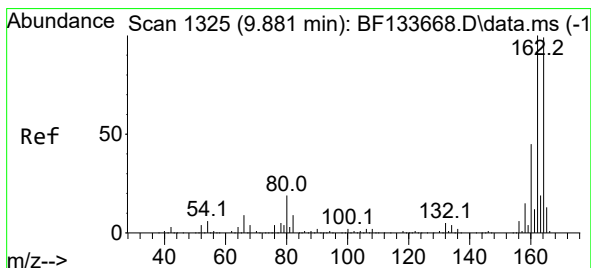
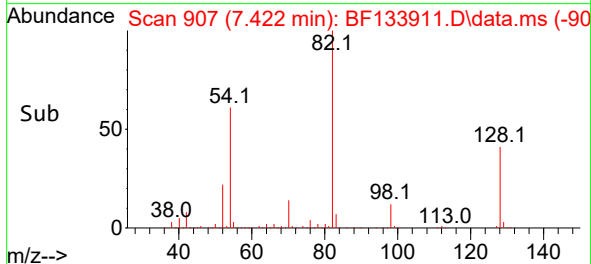
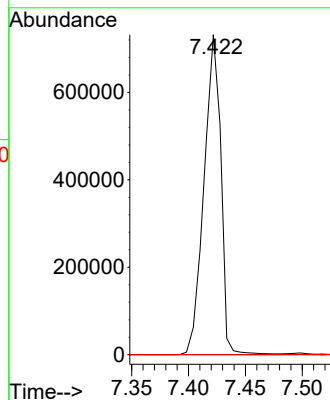
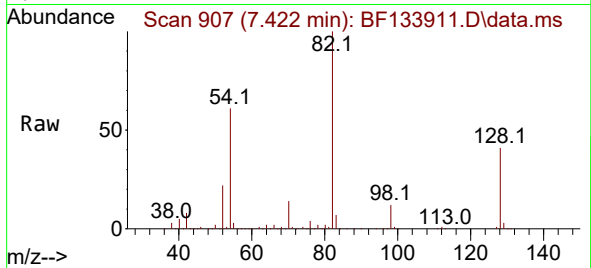




#25
Isophorone
Concen: 51.359 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

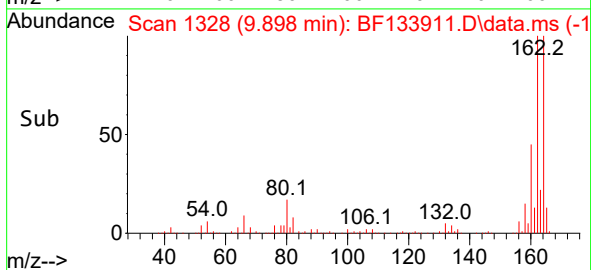
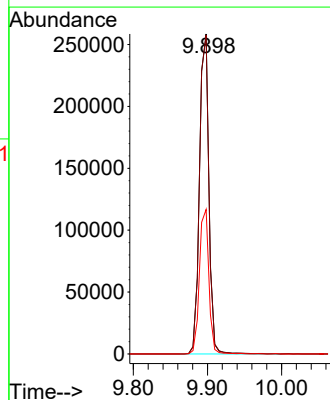
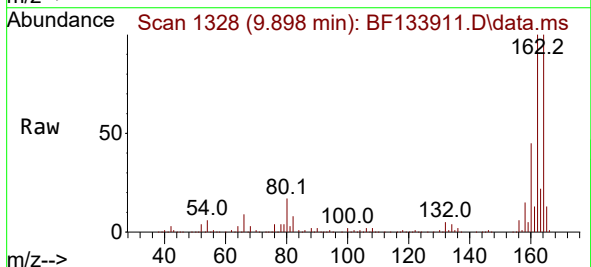
Instrument :
BNA_F
ClientSampleId :
WC-12

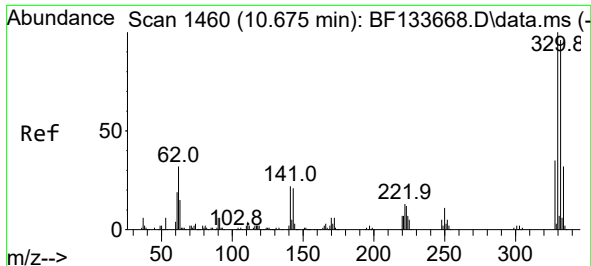
Tgt Ion: 82 Resp: 752886
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

Tgt Ion:164 Resp: 226803
Ion Ratio Lower Upper
164 100
162 99.7 80.8 121.2
160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 140.618 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133911.D

Acq: 22 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC-12

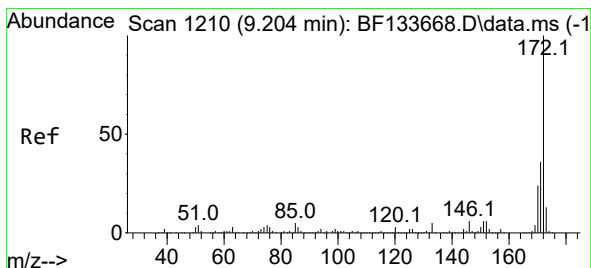
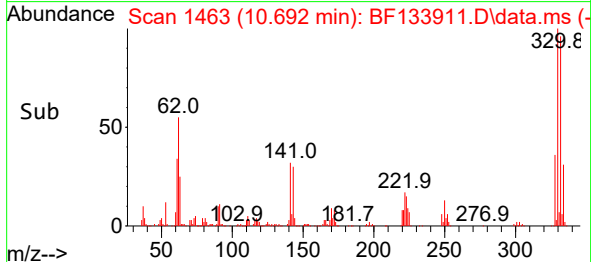
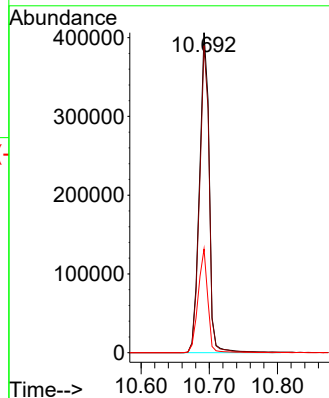
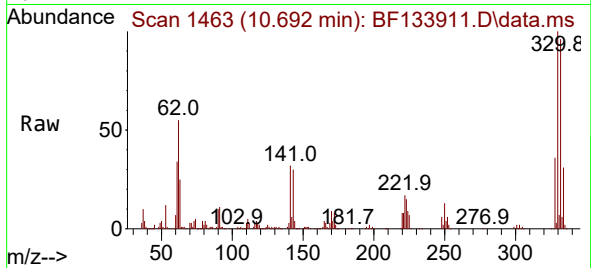
Tgt Ion:330 Resp: 403704

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 32.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.768 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133911.D

Acq: 22 Jun 2023 20:37

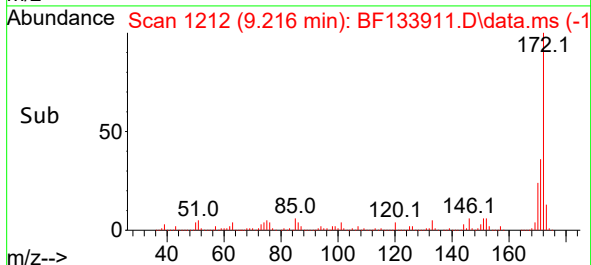
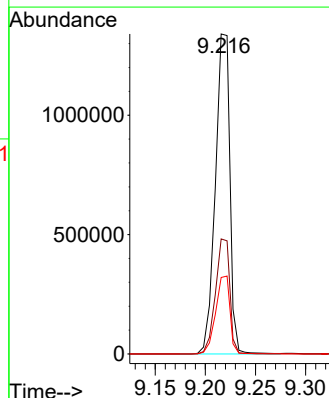
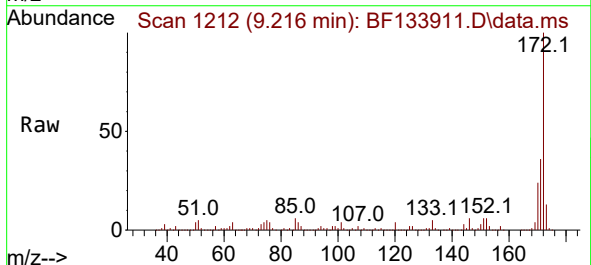
Tgt Ion:172 Resp: 1352473

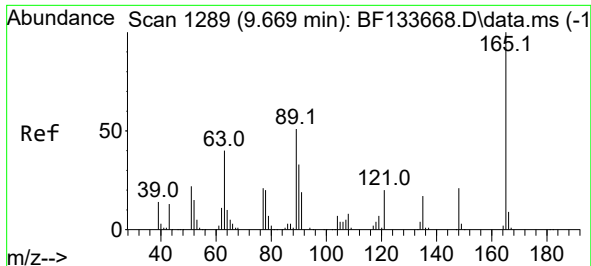
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.9 19.1 28.7

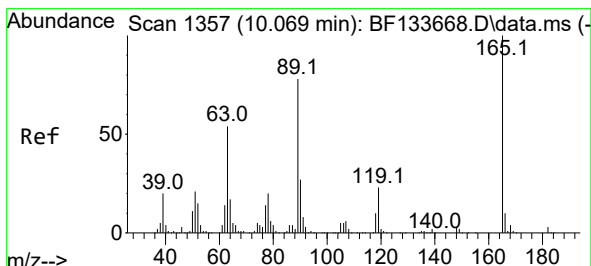
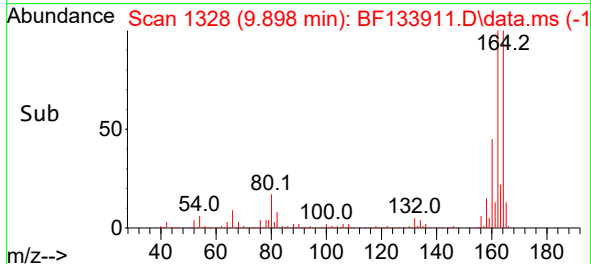
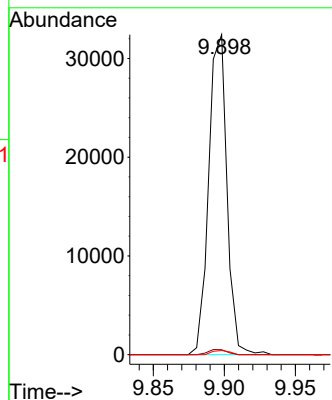
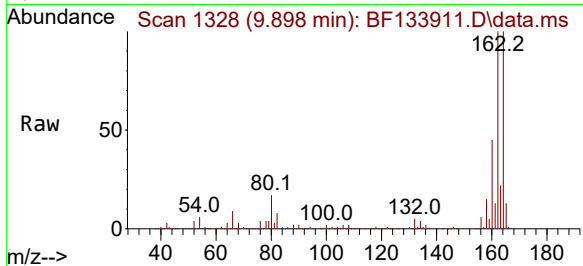




#51
2,6-Dinitrotoluene
Concen: 8.316 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

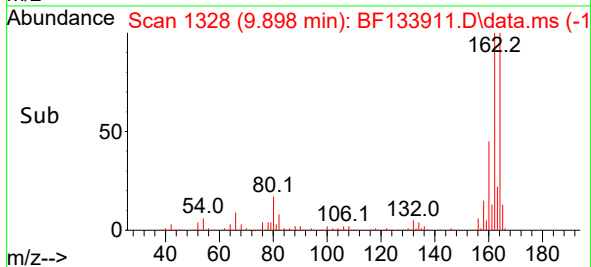
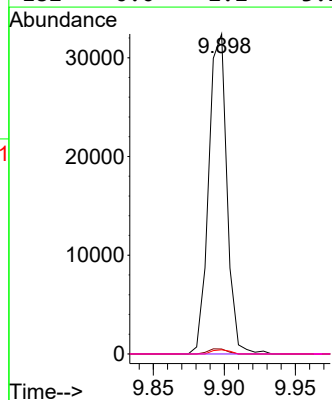
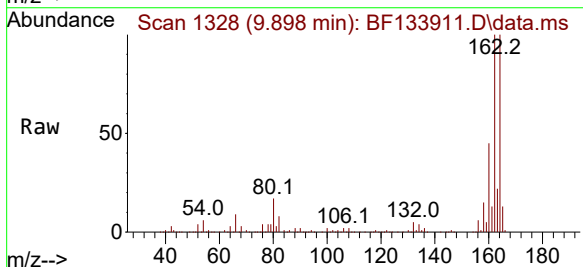
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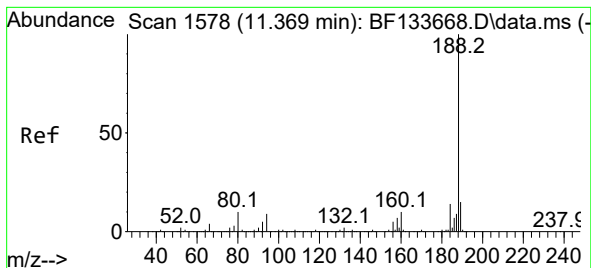
Tgt Ion:165 Resp: 29059
Ion Ratio Lower Upper
165 100
63 1.6 42.1 63.1#
89 1.3 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.539 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133911.D
Acq: 22 Jun 2023 20:37

Tgt Ion:165 Resp: 29059
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.3 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: BF133911.D

Acq: 22 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC-12

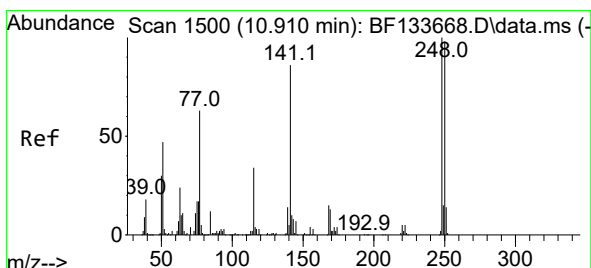
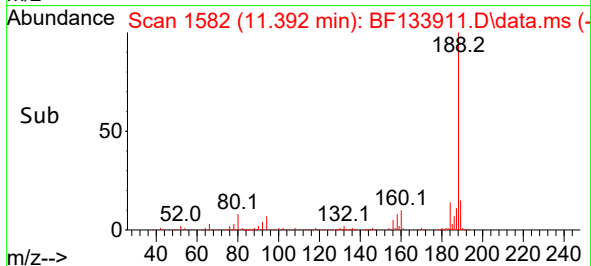
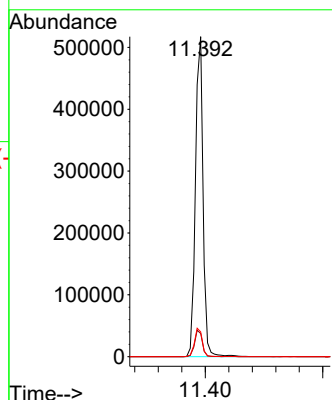
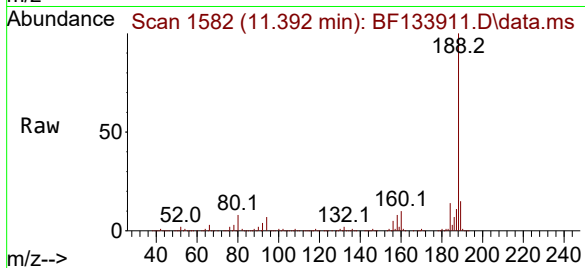
Tgt Ion:188 Resp: 461453

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

80 7.8 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.789 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF133911.D

Acq: 22 Jun 2023 20:37

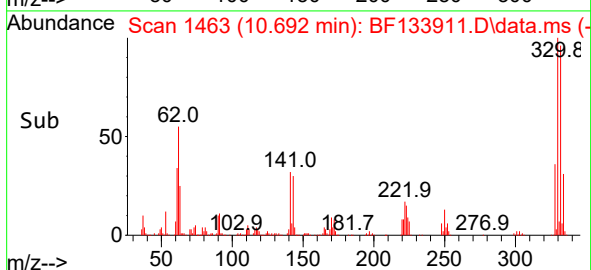
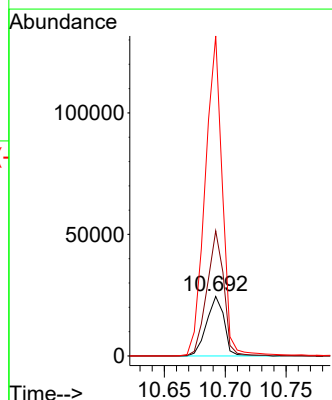
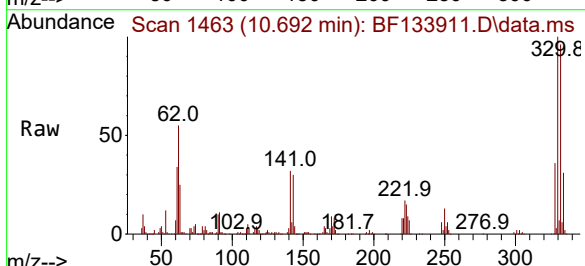
Tgt Ion:248 Resp: 24665

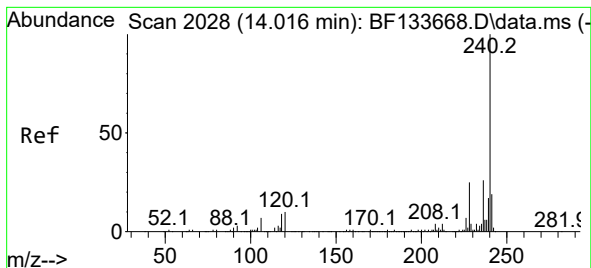
Ion Ratio Lower Upper

248 100

250 210.0 78.3 117.5#

141 536.9 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: BF133911.D

Acq: 22 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC-12

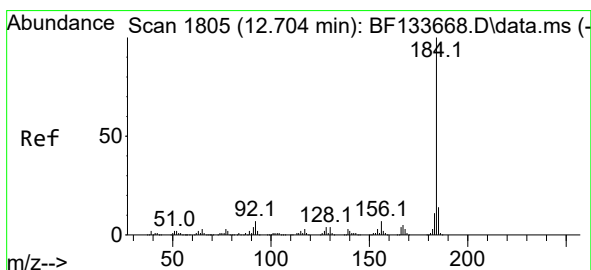
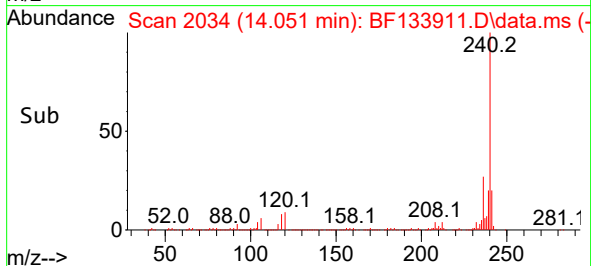
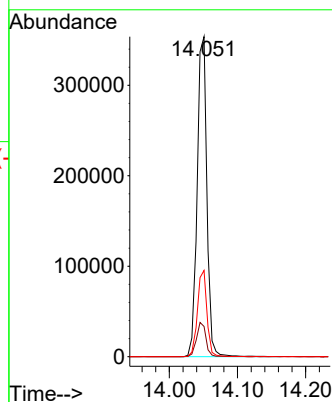
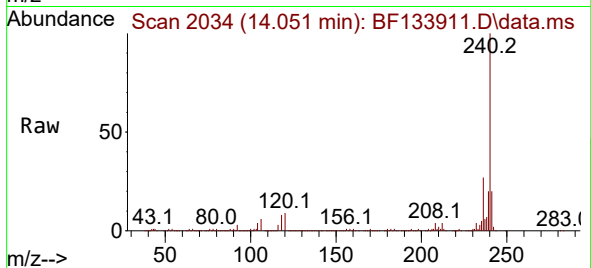
Tgt Ion:240 Resp: 350329

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 27.0 20.5 30.7



#77

Benzdine

Concen: 2.201 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133911.D

Acq: 22 Jun 2023 20:37

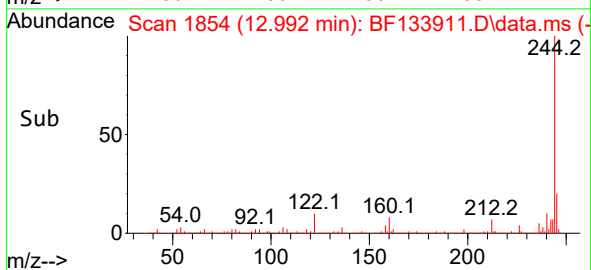
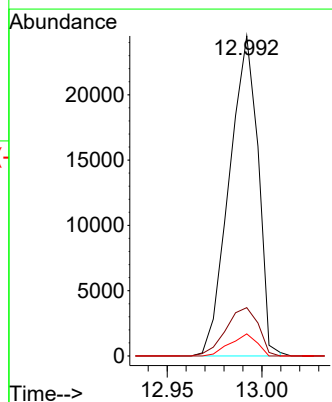
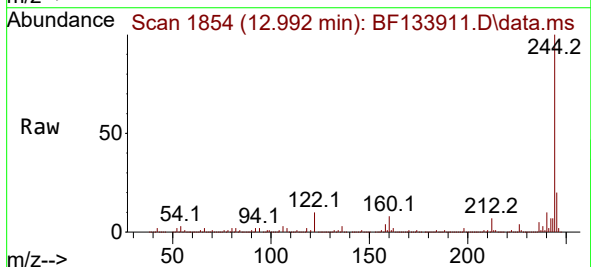
Tgt Ion:184 Resp: 25869

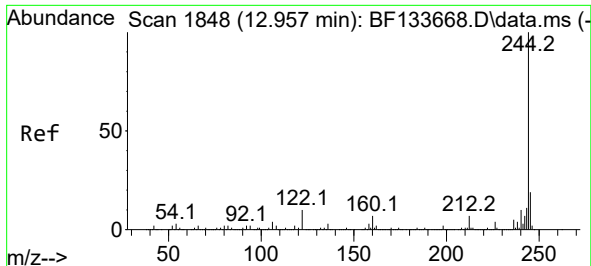
Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 6.9 8.4 12.6#

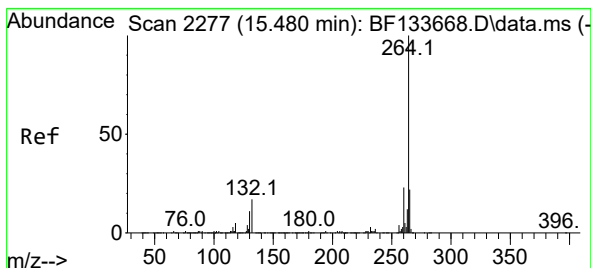
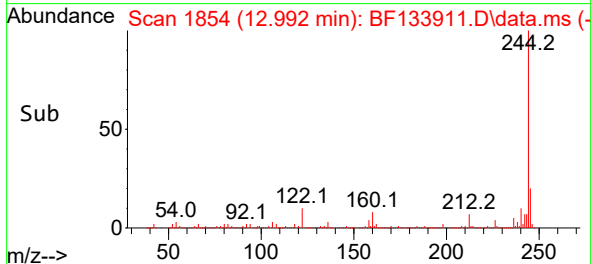
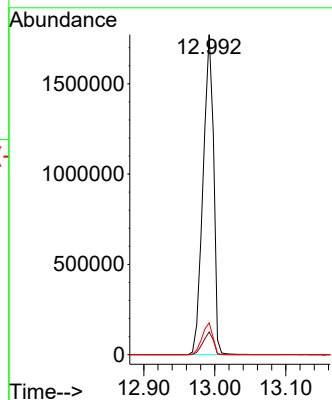
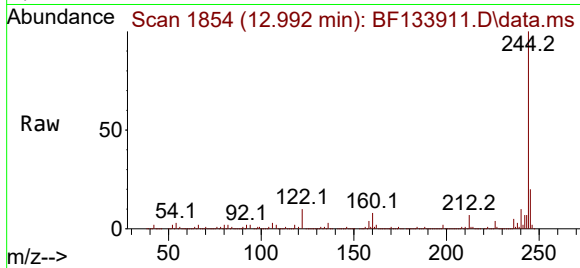




#79
 Terphenyl-d14
 Concen: 81.094 ng
 RT: 12.992 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133911.D
 Acq: 22 Jun 2023 20:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-12

Tgt Ion:244 Resp: 1836020
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133911.D
 Acq: 22 Jun 2023 20:37

Tgt Ion:264 Resp: 270888
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 21.5 17.8 26.6

