

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133921.D
 Acq On : 23 Jun 2023 02:01
 Operator : CG\JU
 Sample :
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Quant Time: Jun 23 05:06:39 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)

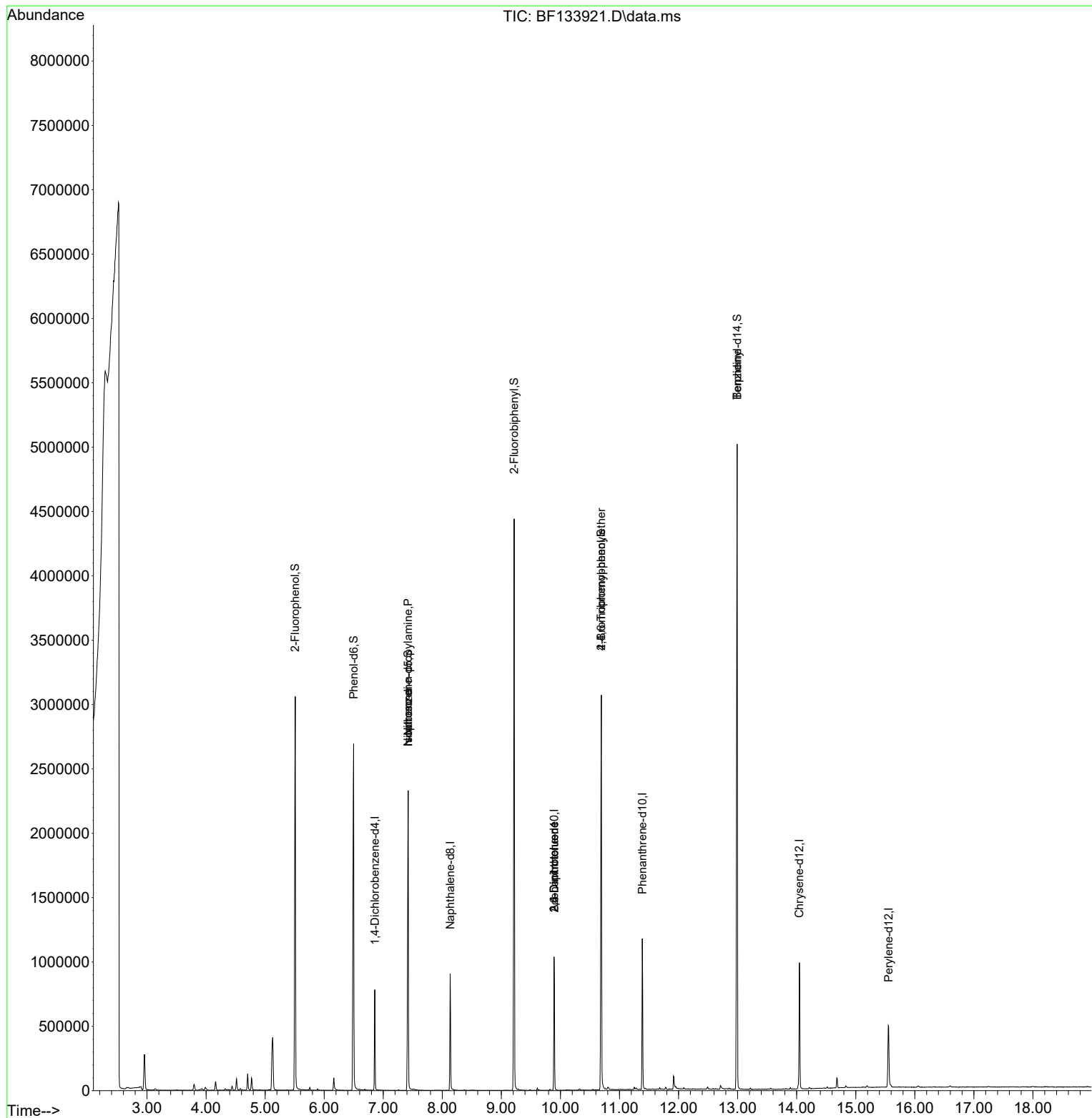
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	99021	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	389858	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	203423	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	421219	20.000	ng	0.00
76) Chrysene-d12	14.045	240	330038	20.000	ng	-0.01
86) Perylene-d12	15.557	264	252936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	814108	143.129	ng	0.02
7) Phenol-d6	6.498	99	902613	121.913	ng	0.00
23) Nitrobenzene-d5	7.422	82	739257	103.281	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	393991	153.008	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1347473	94.161	ng	0.00
79) Terphenyl-d14	12.992	244	1853717	86.909	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	105752	22.450	ng	# 78
25) Isophorone	7.422	82	739248	56.256	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	25543	8.150	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	25543	6.408	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	24341	5.177	ng	# 1
77) Benzidine	12.992	184	26827	2.422	ng	# 95

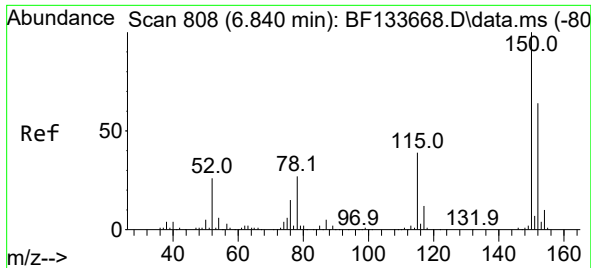
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133921.D
Acq On : 23 Jun 2023 02:01
Operator : CG\JU
Sample :
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20

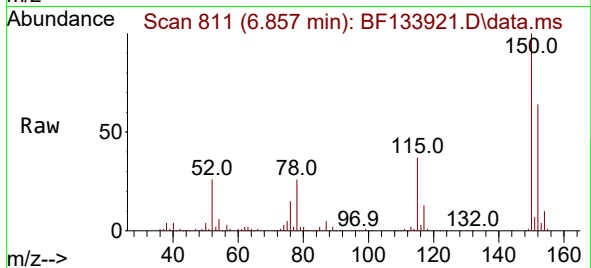
Quant Time: Jun 23 05:06:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration



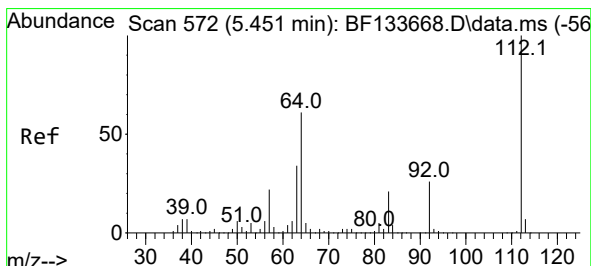
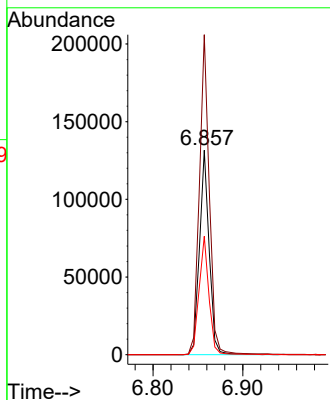
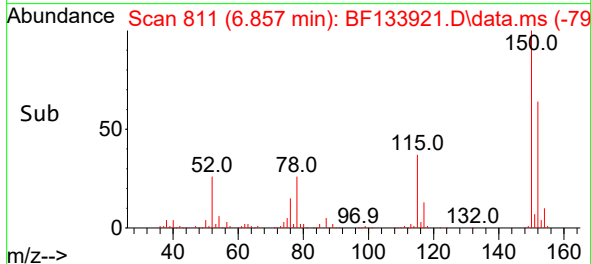


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

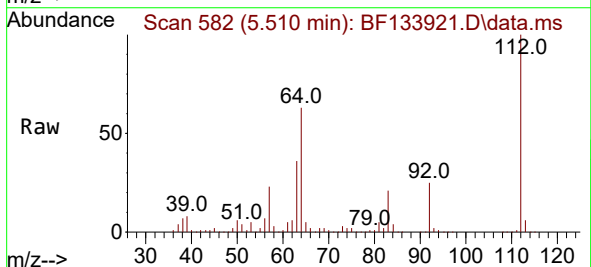
Instrument :
BNA_F
ClientSampleId :
WC-20



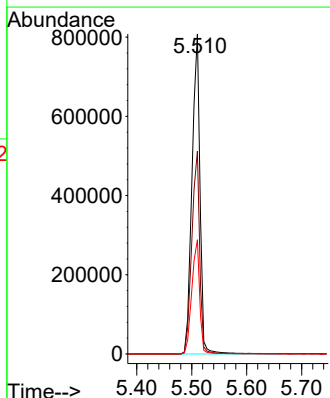
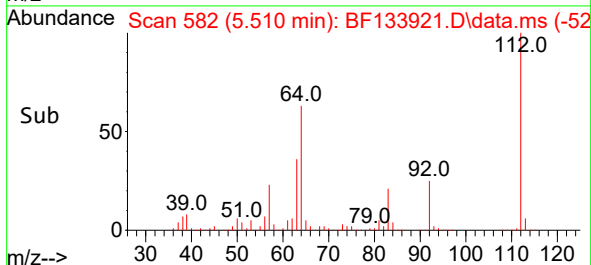
Tgt Ion:152 Resp: 99021
Ion Ratio Lower Upper
152 100
150 156.5 124.3 186.5
115 57.9 48.5 72.7

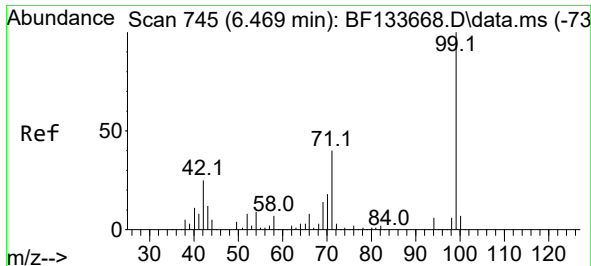


#5
2-Fluorophenol
Concen: 143.129 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01



Tgt Ion:112 Resp: 814108
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.4
63 35.7 26.8 40.2

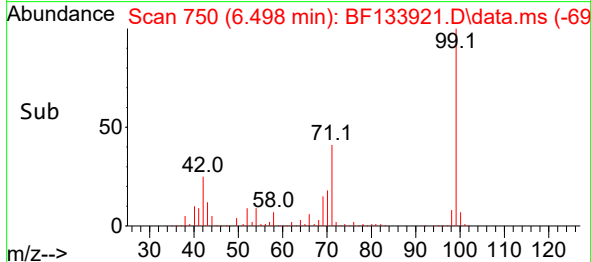
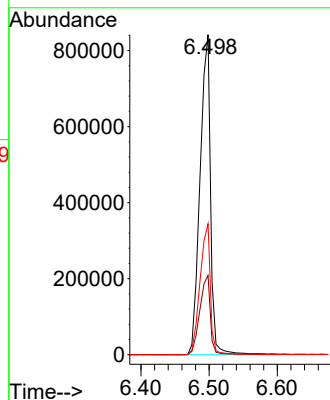
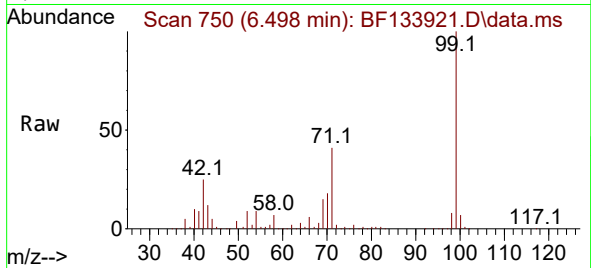




#7
Phenol-d6
Concen: 121.913 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

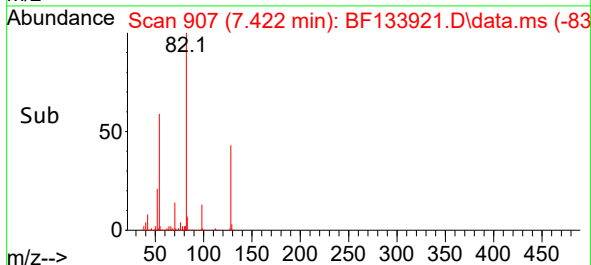
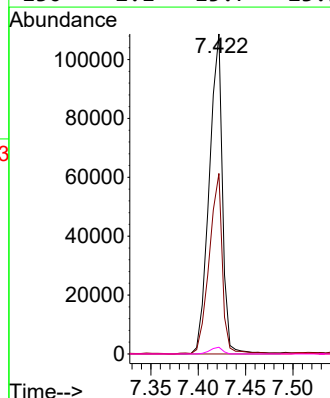
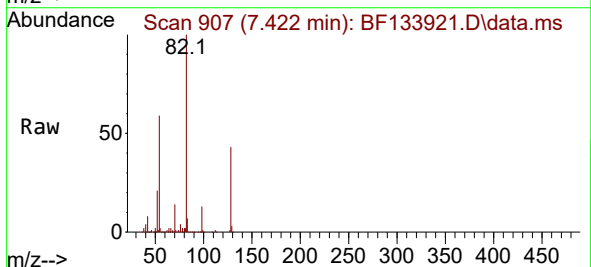
Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion: 99 Resp: 902613
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 40.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.450 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion: 70 Resp: 105752
Ion Ratio Lower Upper
70 100
42 56.4 55.8 83.8
101 0.0 8.1 12.1#
130 2.1 15.7 23.5#

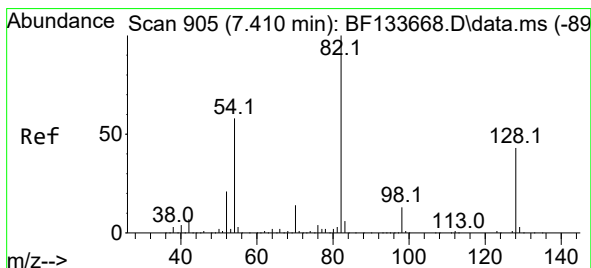
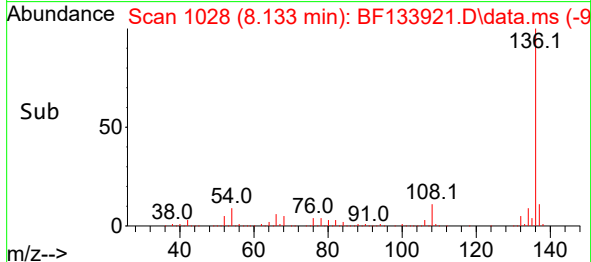
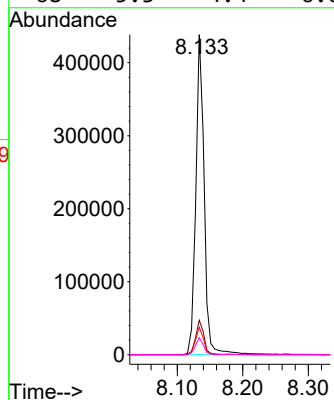
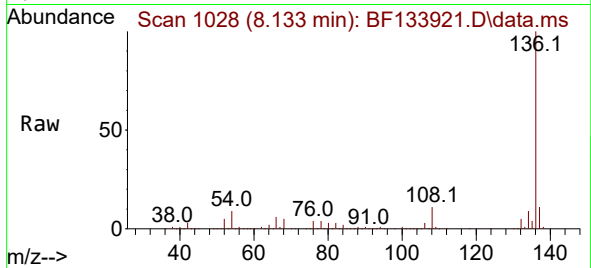




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

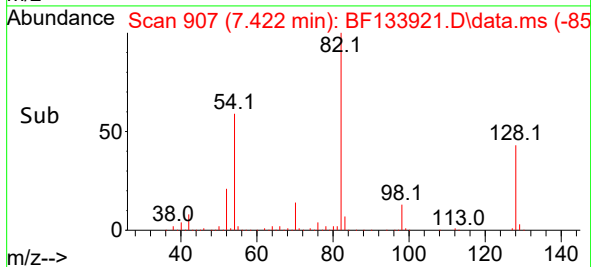
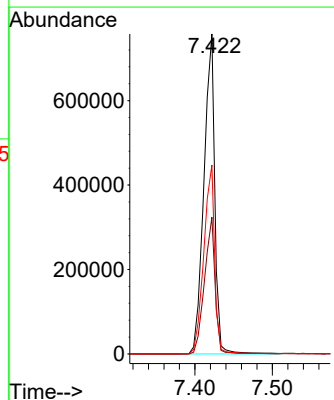
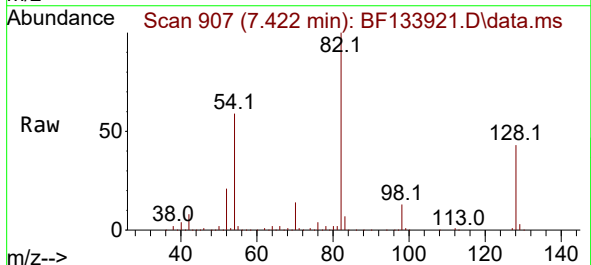
Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion:136 Resp: 389858
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.6 7.4 11.0
68 5.3 4.4 6.6



#23
Nitrobenzene-d5
Concen: 103.281 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion: 82 Resp: 739257
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.2
54 59.0 46.5 69.7

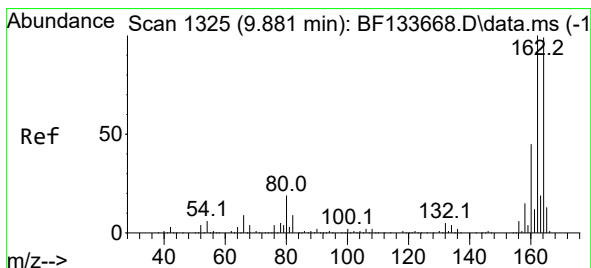
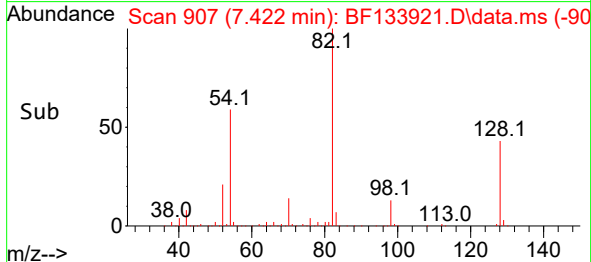
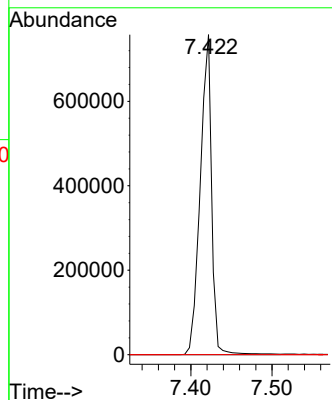
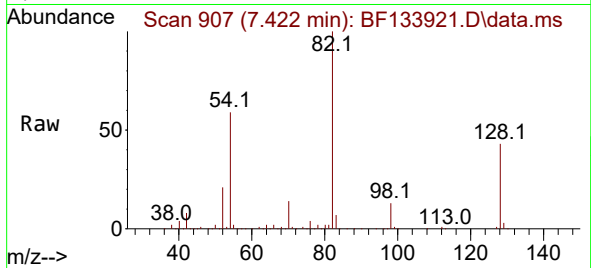




#25
Isophorone
Concen: 56.256 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

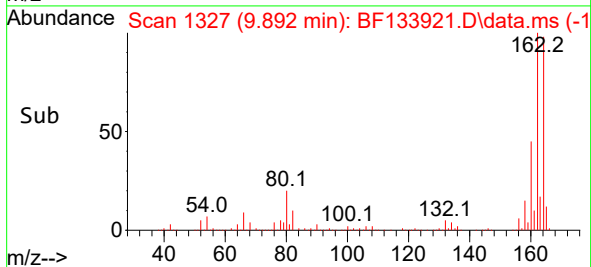
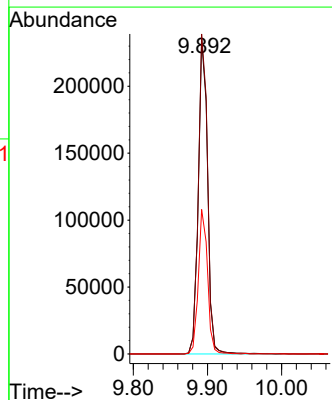
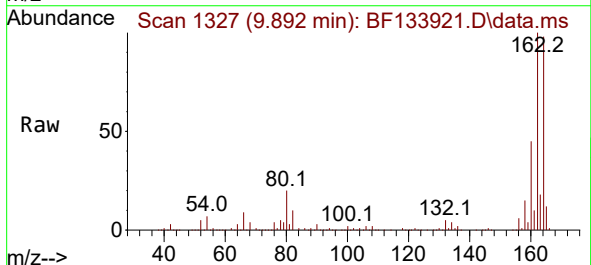
Instrument :
BNA_F
ClientSampleId :
WC-20

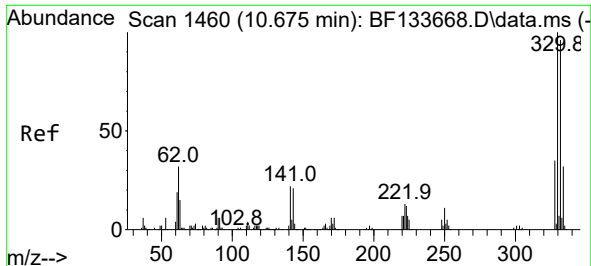
Tgt Ion: 82 Resp: 739248
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion: 164 Resp: 203423
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 153.008 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133921.D

Acq: 23 Jun 2023 02:01

Instrument :

BNA_F

ClientSampleId :

WC-20

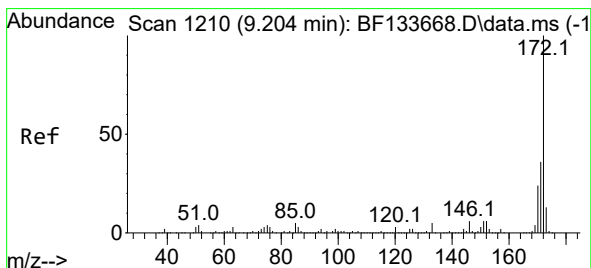
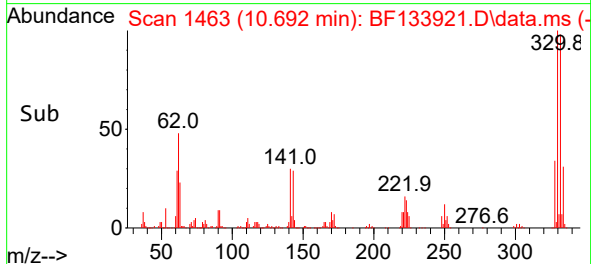
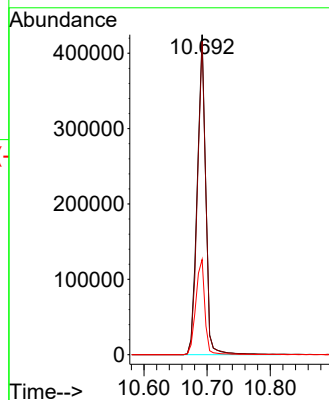
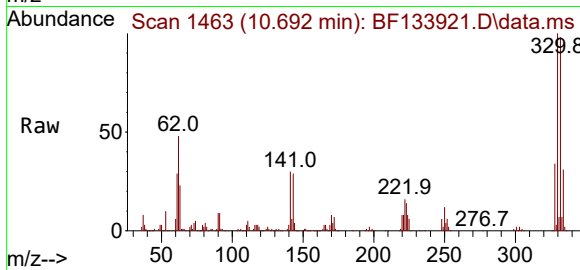
Tgt Ion:330 Resp: 393991

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 32.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 94.161 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133921.D

Acq: 23 Jun 2023 02:01

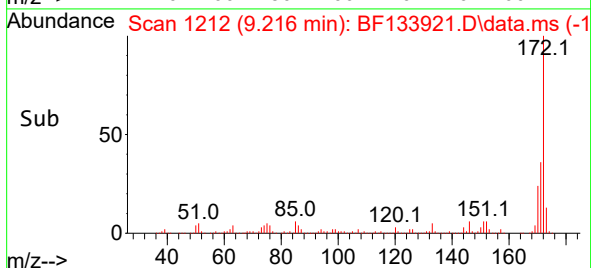
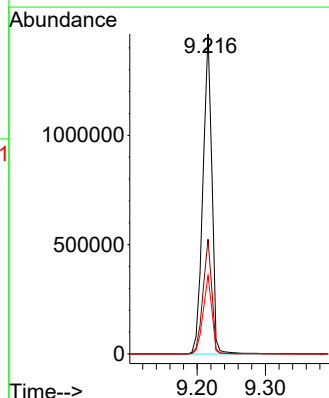
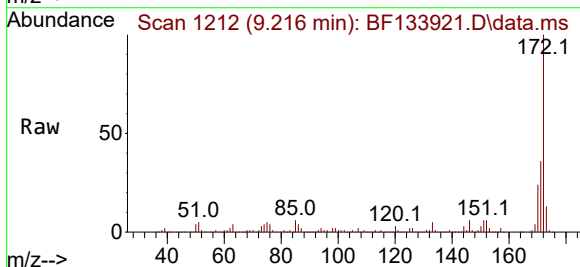
Tgt Ion:172 Resp: 1347473

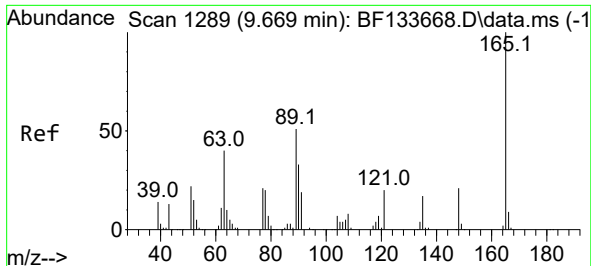
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.4 19.1 28.7

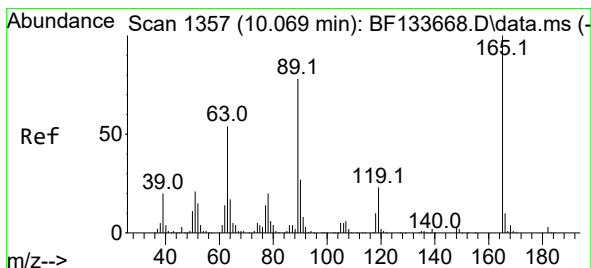
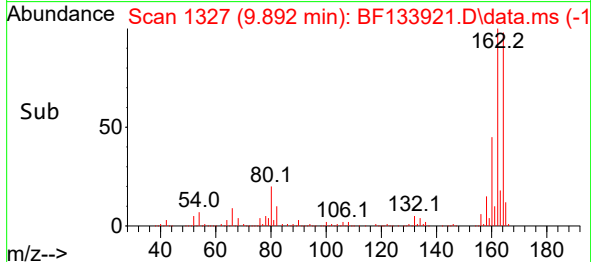
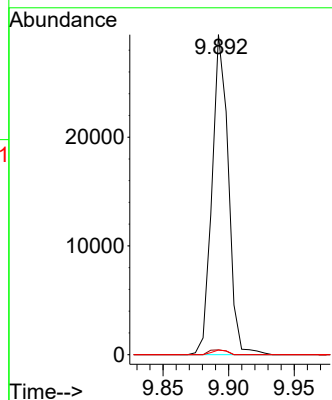
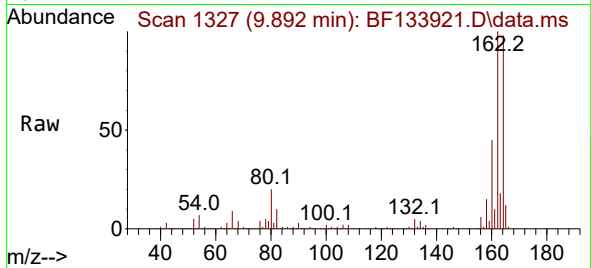




#51
2,6-Dinitrotoluene
Concen: 8.150 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

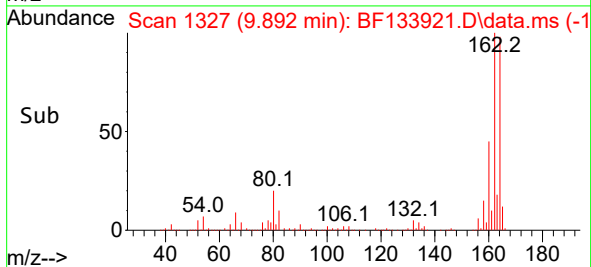
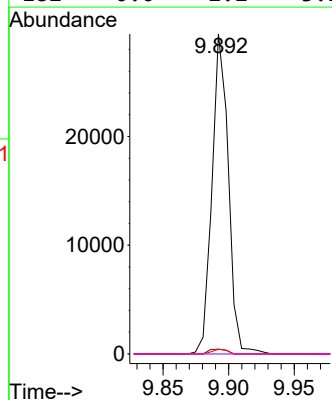
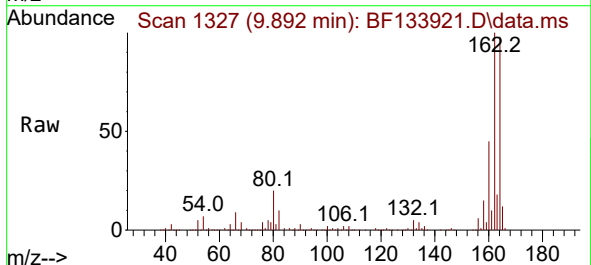
Instrument :
BNA_F
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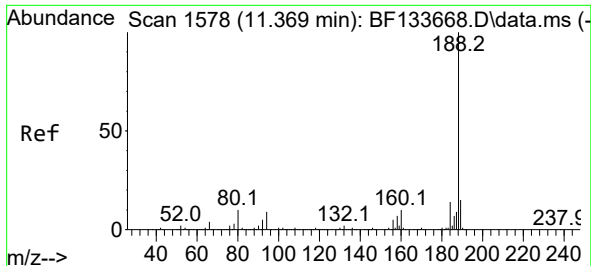
Tgt Ion:165 Resp: 25543
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.5 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.408 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion:165 Resp: 25543
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#

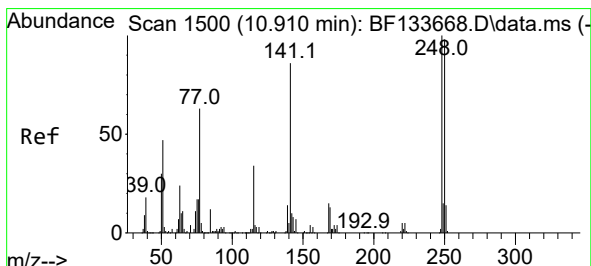
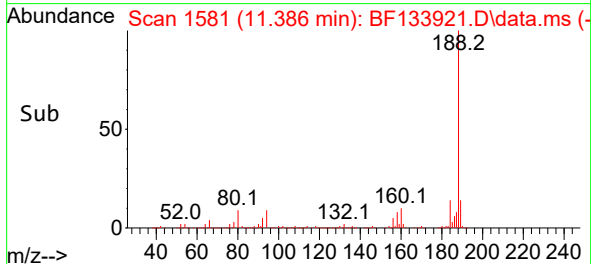
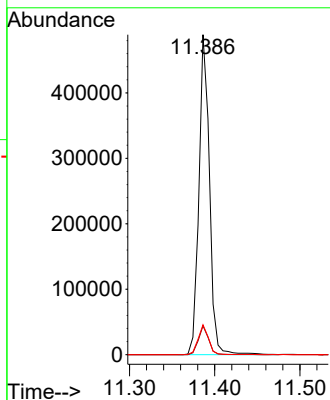
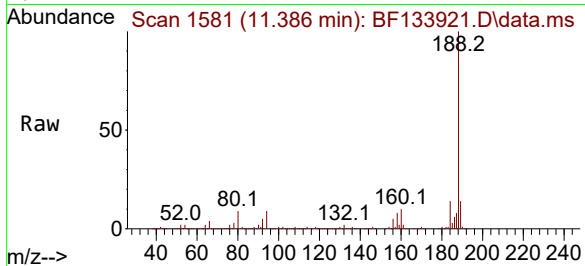




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

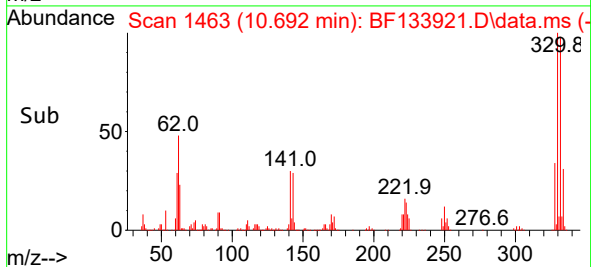
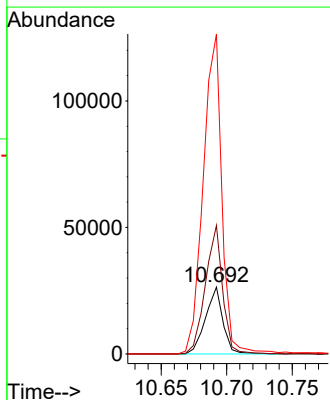
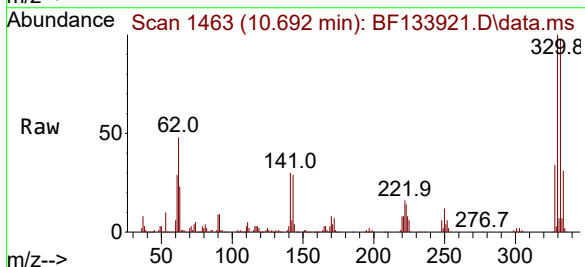
Instrument :
BNA_F
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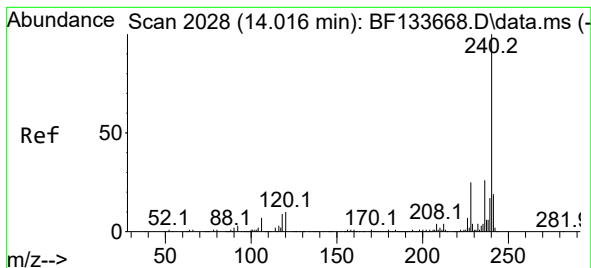
Tgt Ion:188 Resp: 421219
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 9.3 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 5.177 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion:248 Resp: 24341
Ion Ratio Lower Upper
248 100
250 192.0 78.3 117.5#
141 478.5 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: BF133921.D

Acq: 23 Jun 2023 02:01

Instrument :

BNA_F

ClientSampleId :

WC-20

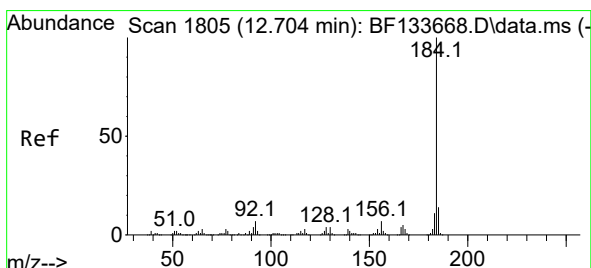
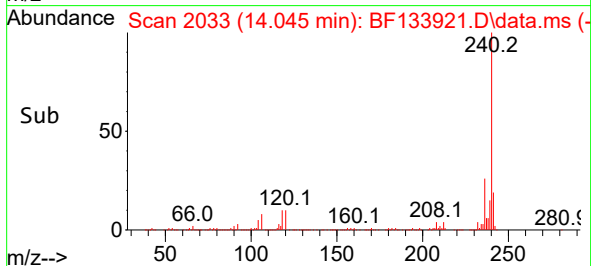
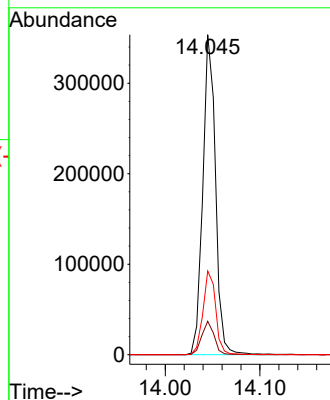
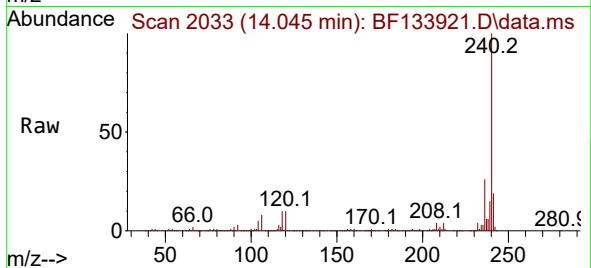
Tgt Ion:240 Resp: 330038

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 26.1 20.5 30.7



#77

Benzidine

Concen: 2.422 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133921.D

Acq: 23 Jun 2023 02:01

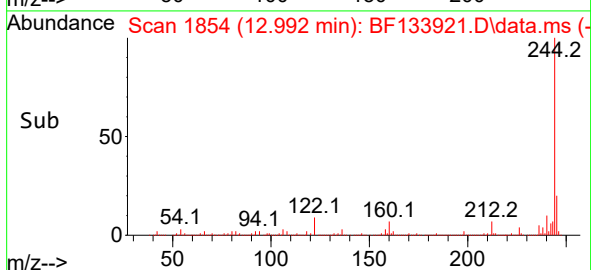
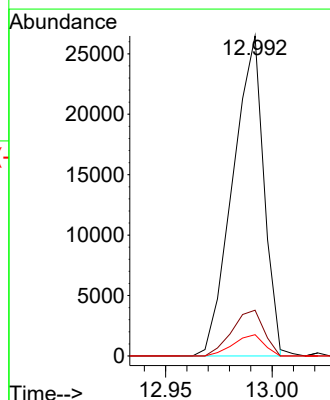
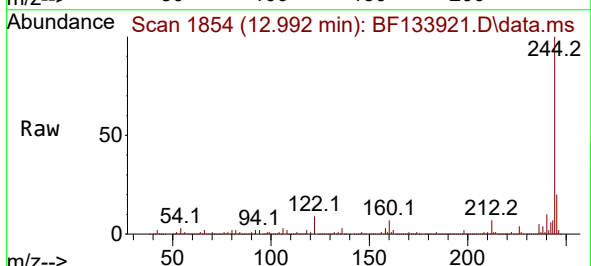
Tgt Ion:184 Resp: 26827

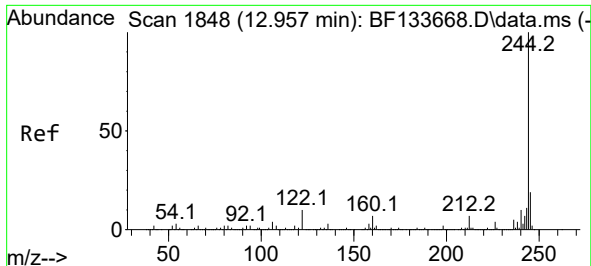
Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 6.7 8.4 12.6#

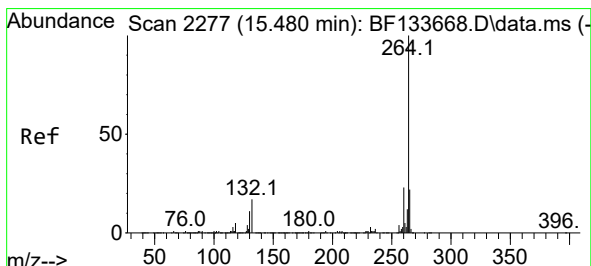
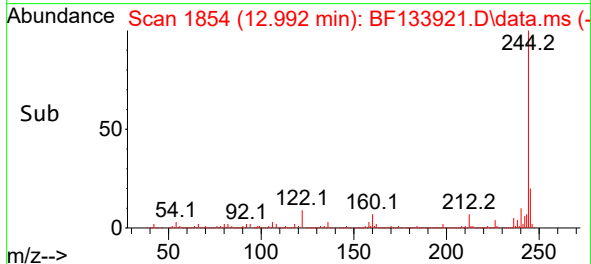
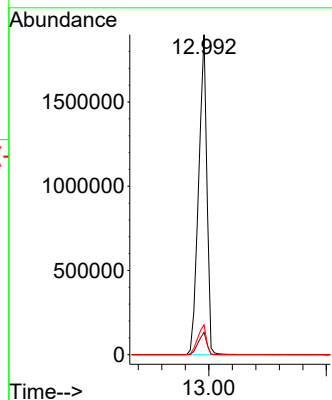
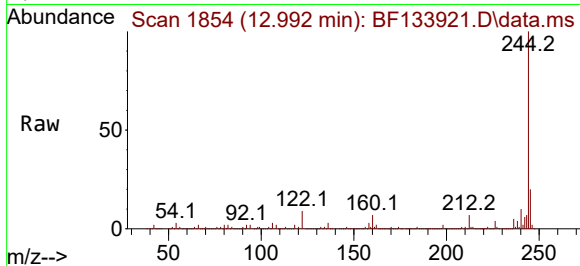




#79
 Terphenyl-d14
 Concen: 86.909 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133921.D
 Acq: 23 Jun 2023 02:01

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Tgt Ion:244 Resp: 1853717
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.4 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: BF133921.D
 Acq: 23 Jun 2023 02:01

Tgt Ion:264 Resp: 252936
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.0 17.8 26.6

