

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133919.D
 Acq On : 23 Jun 2023 00:57
 Operator : CG\JU
 Sample :
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22

Quant Time: Jun 23 05:06:15 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)

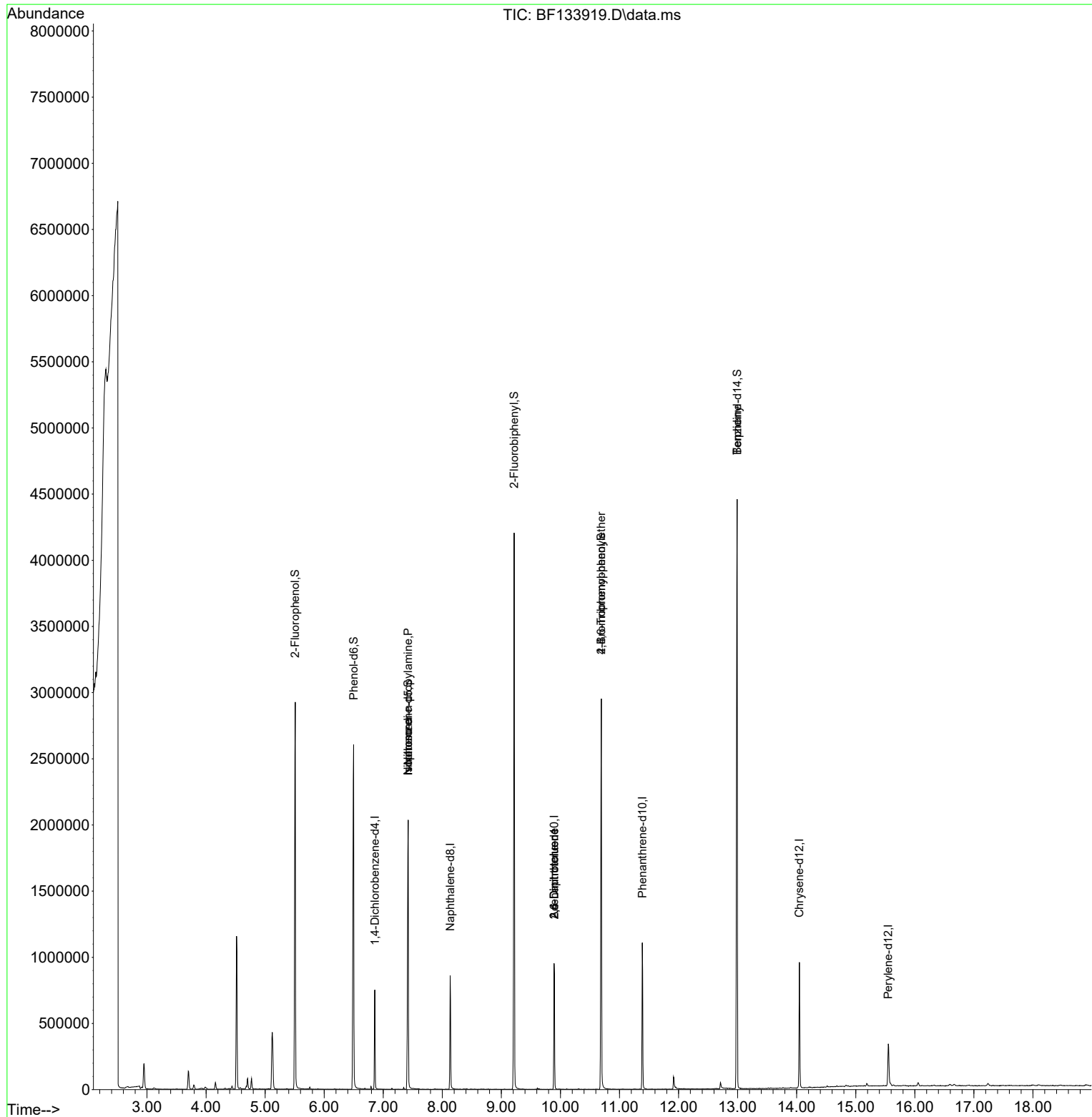
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	99679	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	387421	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	194566	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	407300	20.000	ng	0.00
76) Chrysene-d12	14.045	240	303335	20.000	ng	-0.01
86) Perylene-d12	15.551	264	142750	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	771315	134.711	ng	0.02
7) Phenol-d6	6.498	99	884725	118.708	ng	0.00
23) Nitrobenzene-d5	7.422	82	695599	97.793	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	366326	148.740	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1264112	92.357	ng	0.00
79) Terphenyl-d14	12.992	244	1677837	85.588	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	99501	20.983	ng	# 76
25) Isophorone	7.422	82	695590	53.267	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	24401	8.140	ng	# 29
57) 2,4-Dinitrotoluene	9.892	165	24401	6.400	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	22498	4.949	ng	# 1
77) Benzidine	12.992	184	24218	2.379	ng	# 96

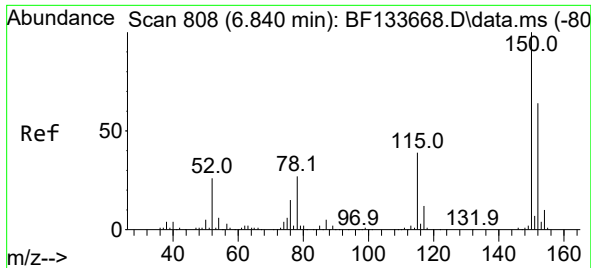
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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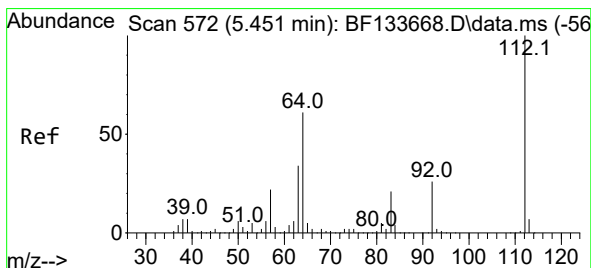
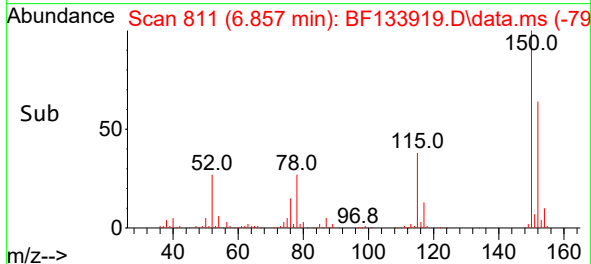
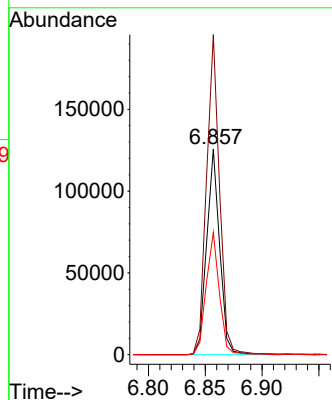
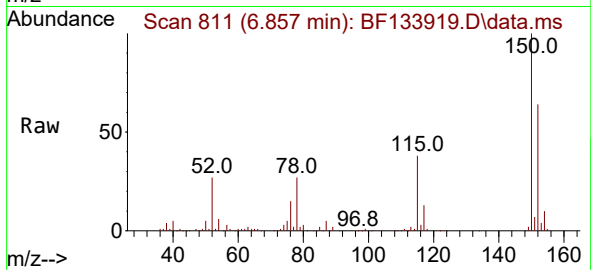




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

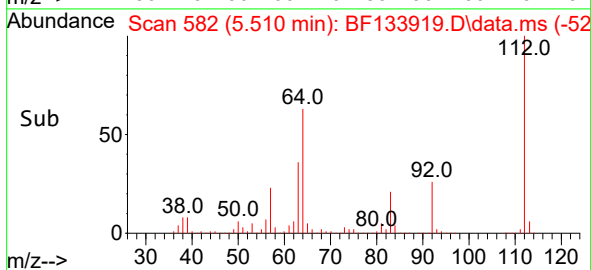
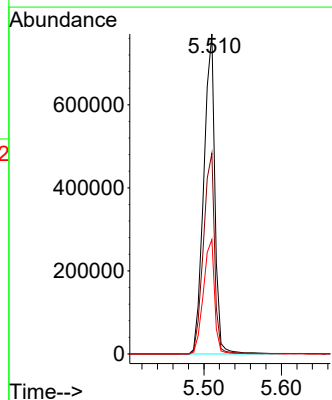
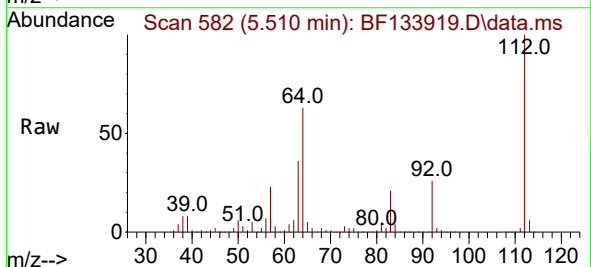
Instrument :
BNA_F
ClientSampleId :
WC-22

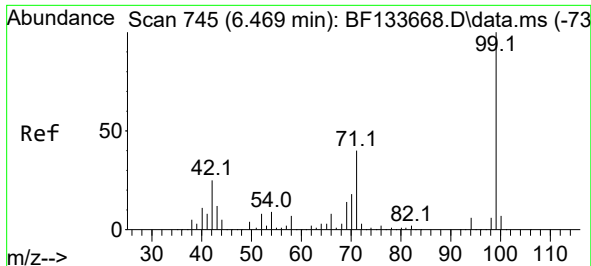
Tgt Ion:152 Resp: 99679
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 59.4 48.5 72.7



#5
2-Fluorophenol
Concen: 134.711 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

Tgt Ion:112 Resp: 771315
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.4
63 35.7 26.8 40.2

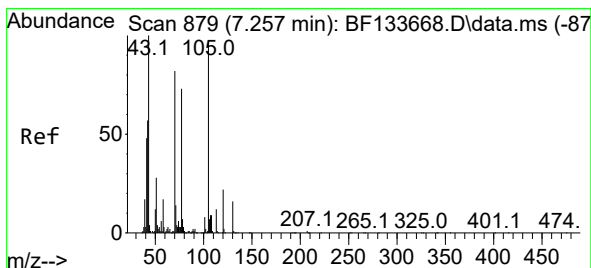
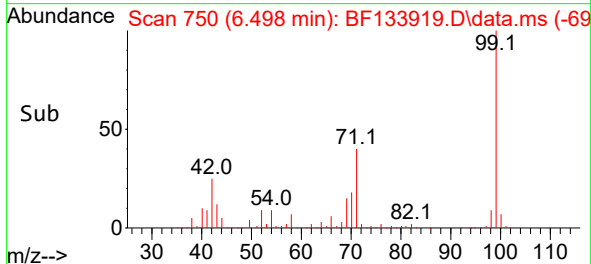
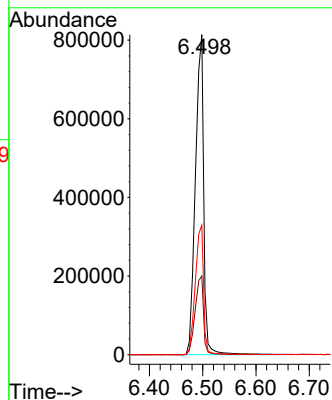
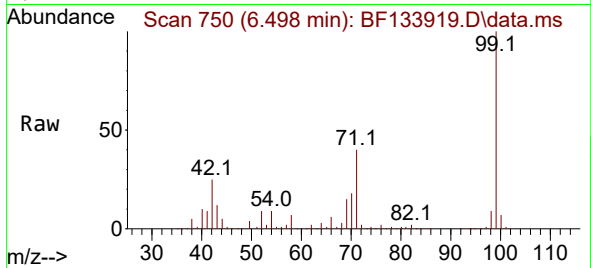




#7
Phenol-d6
Concen: 118.708 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

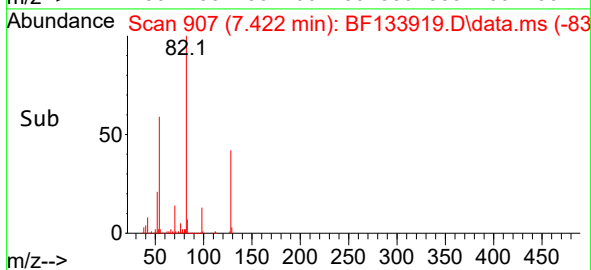
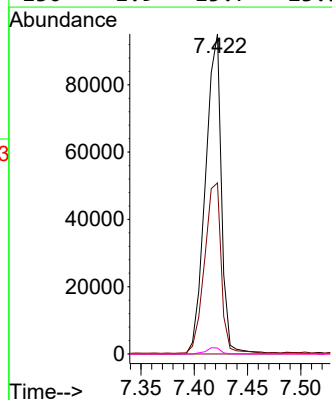
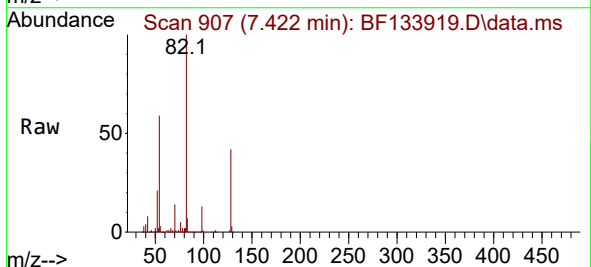
Instrument :
BNA_F
ClientSampleId :
WC-22

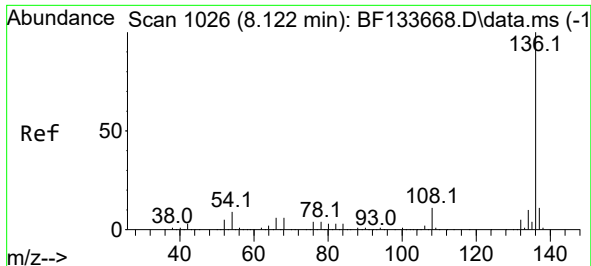
Tgt Ion: 99 Resp: 884725
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 40.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.983 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

Tgt Ion: 70 Resp: 99501
Ion Ratio Lower Upper
70 100
42 53.4 55.8 83.8#
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#

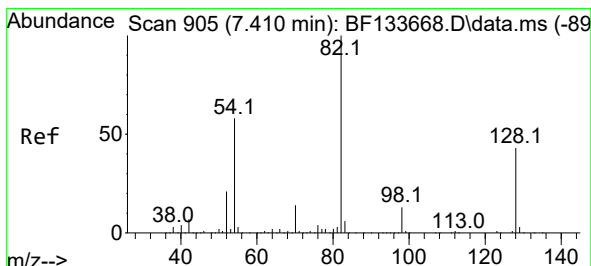
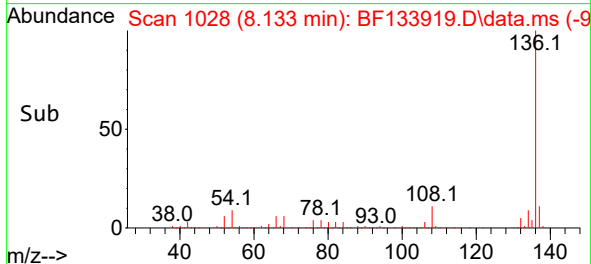
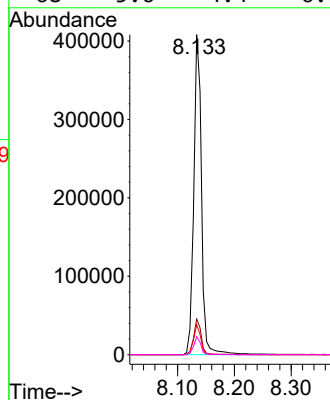
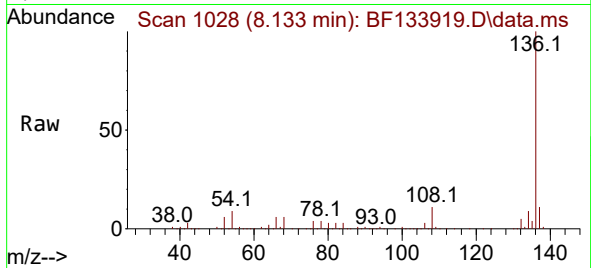




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

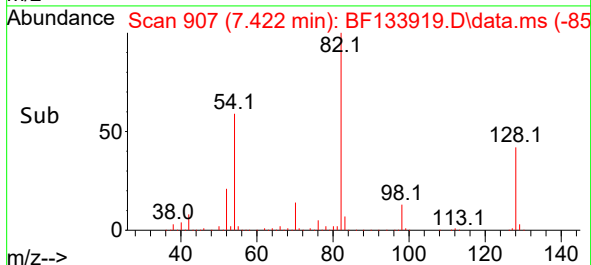
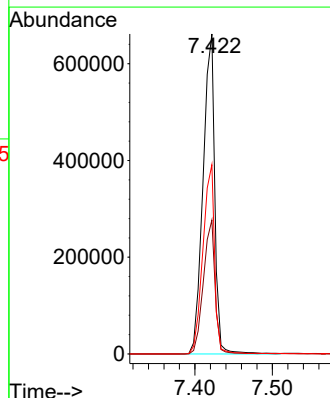
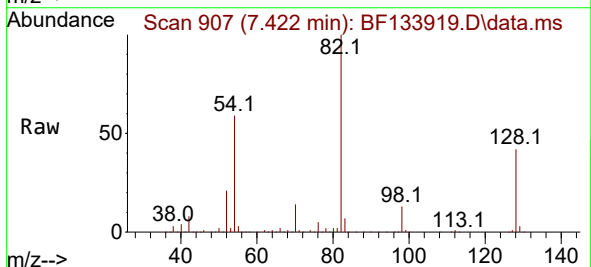
Instrument :
BNA_F
ClientSampleId :
WC-22

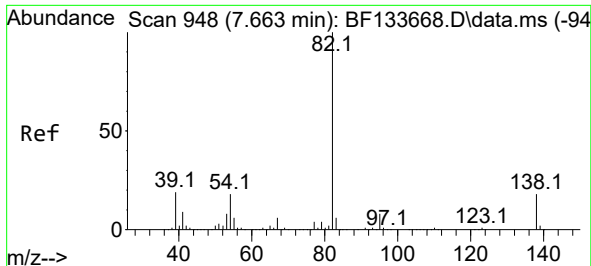
Tgt Ion:136 Resp: 387421
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.4 7.4 11.0
68 5.6 4.4 6.6



#23
Nitrobenzene-d5
Concen: 97.793 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

Tgt Ion: 82 Resp: 695599
Ion Ratio Lower Upper
82 100
128 41.8 34.2 51.2
54 59.2 46.5 69.7

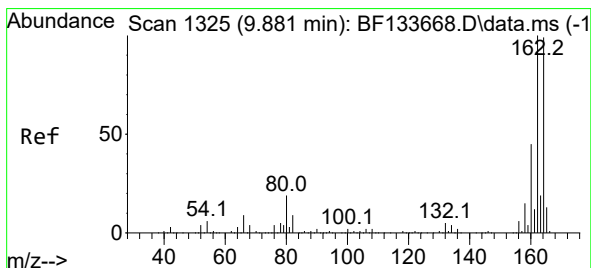
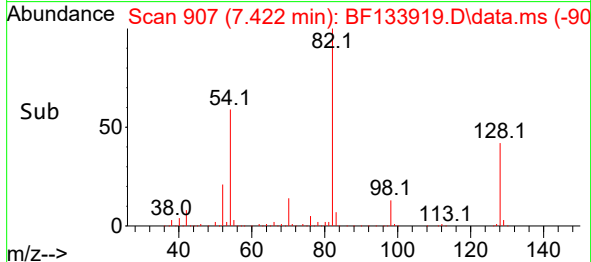
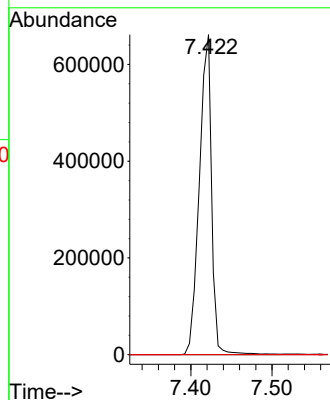
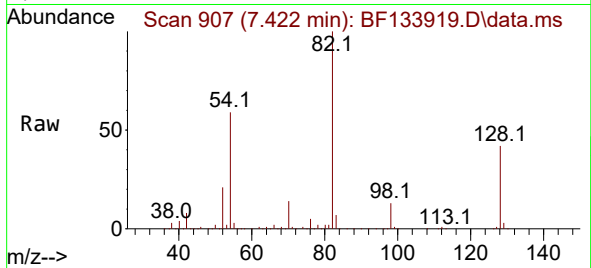




#25
Isophorone
Concen: 53.267 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

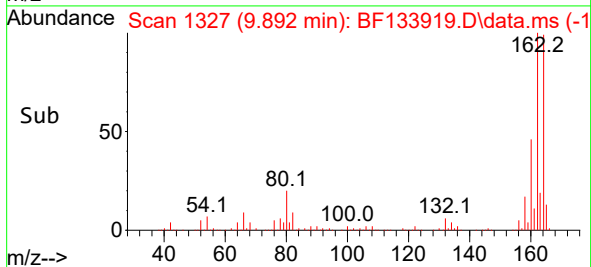
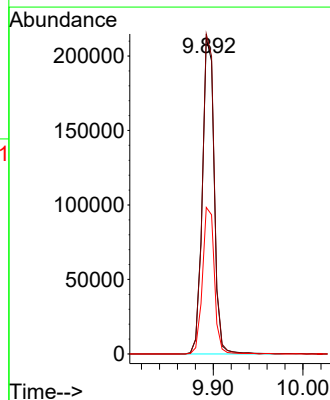
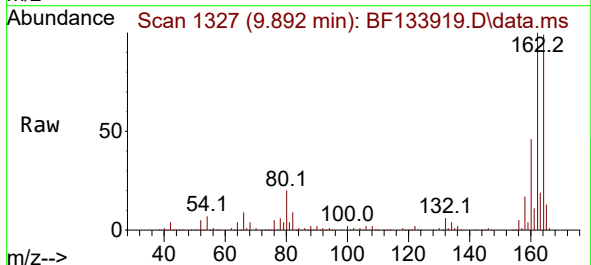
Instrument :
BNA_F
ClientSampleId :
WC-22

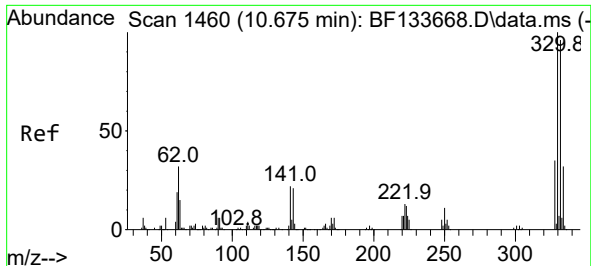
Tgt Ion: 82 Resp: 695590
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

Tgt Ion:164 Resp: 194566
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 46.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 148.740 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133919.D

Acq: 23 Jun 2023 00:57

Instrument :

BNA_F

ClientSampleId :

WC-22

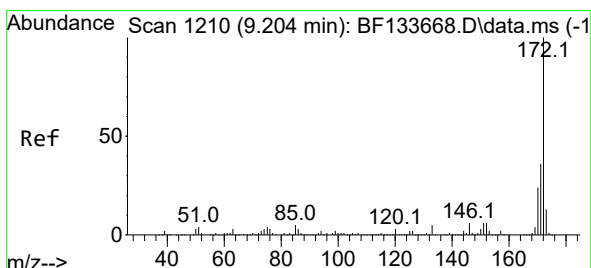
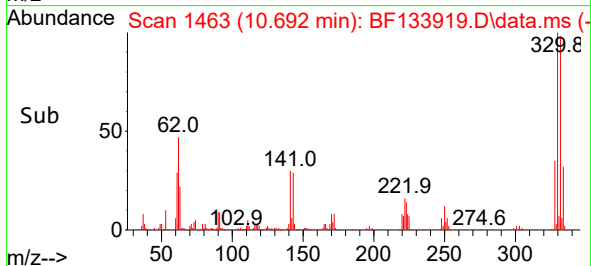
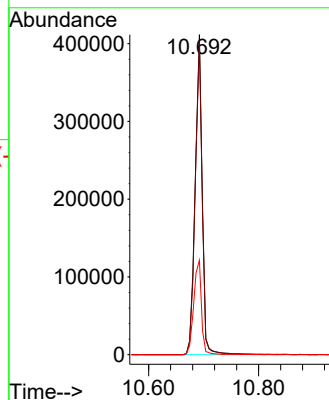
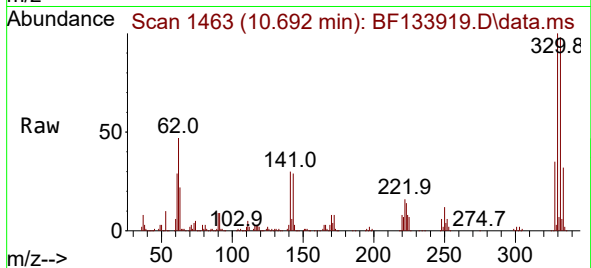
Tgt Ion:330 Resp: 366326

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 32.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 92.357 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133919.D

Acq: 23 Jun 2023 00:57

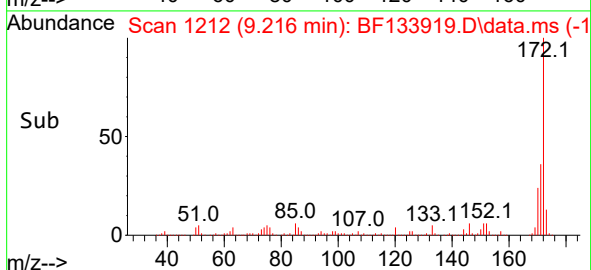
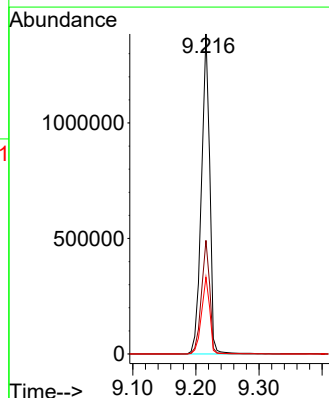
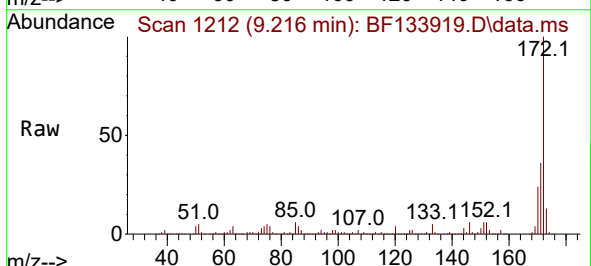
Tgt Ion:172 Resp: 1264112

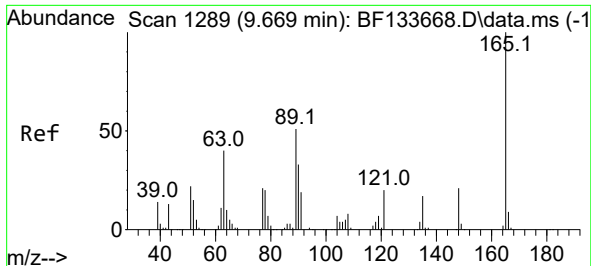
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.1 28.7

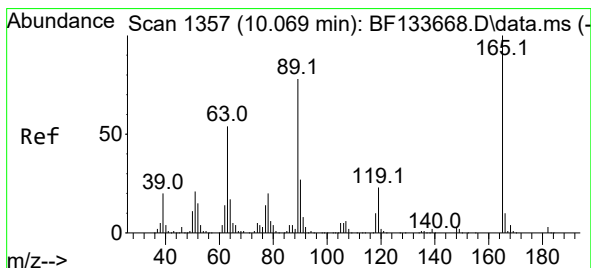
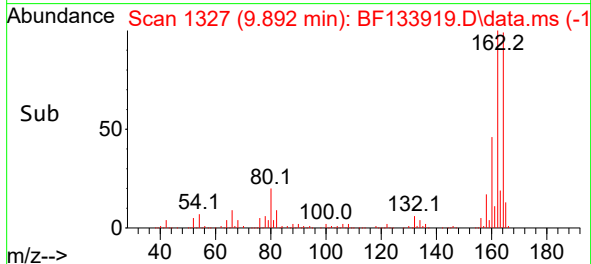
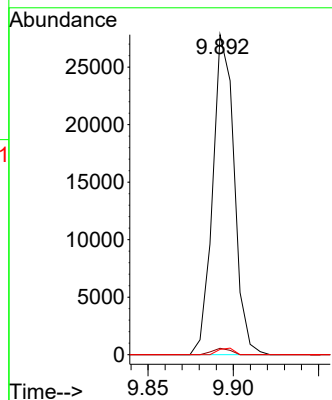
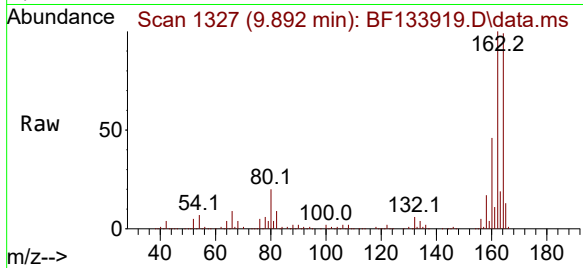




#51
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

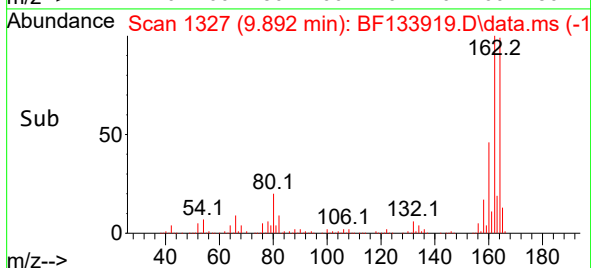
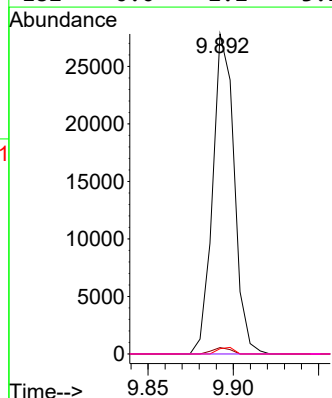
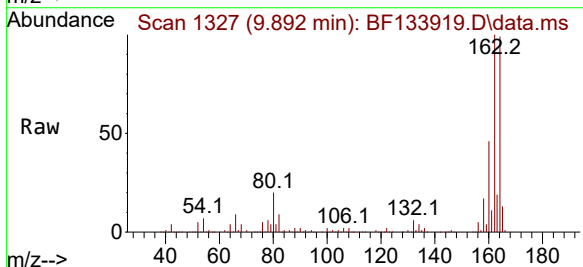
Instrument :
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WC-22

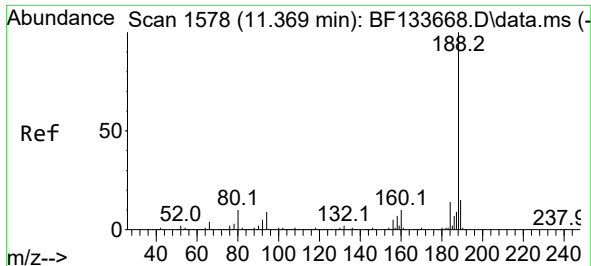
Tgt Ion:165 Resp: 24401
Ion Ratio Lower Upper
165 100
63 2.0 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.400 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

Tgt Ion:165 Resp: 24401
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#

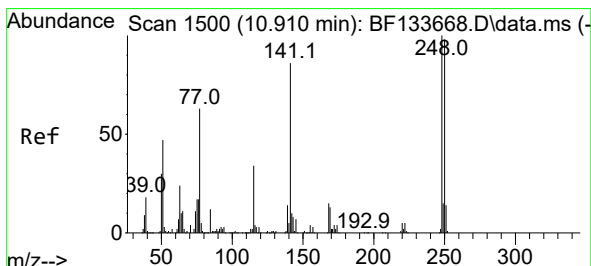
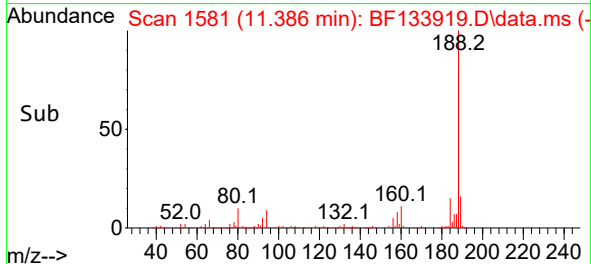
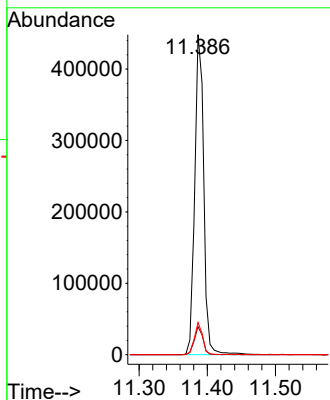
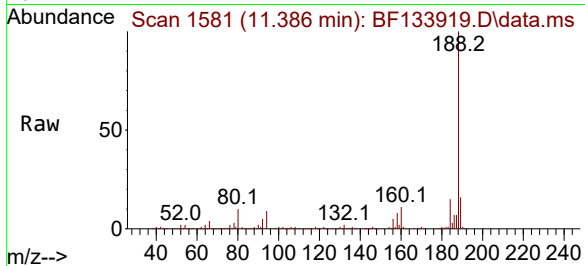




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

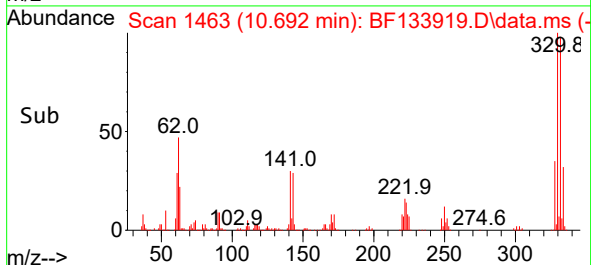
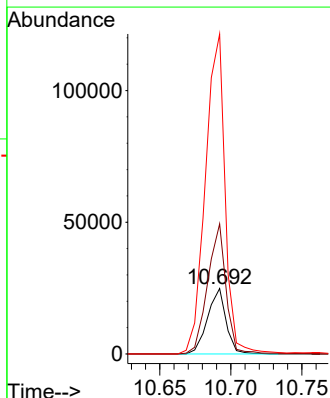
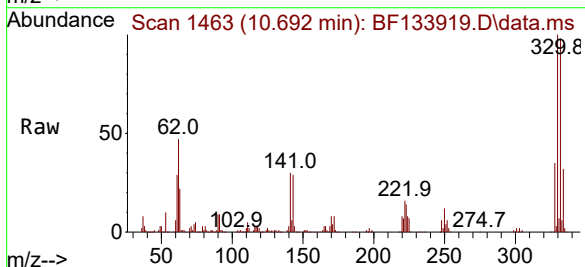
Instrument :
BNA_F
ClientSampleId :
WC-22

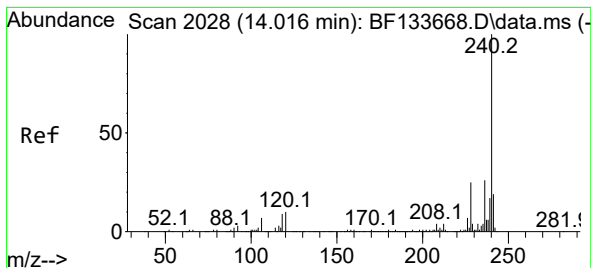
Tgt Ion:188 Resp: 407300
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 10.1 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.949 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF133919.D
Acq: 23 Jun 2023 00:57

Tgt Ion:248 Resp: 22498
Ion Ratio Lower Upper
248 100
250 198.7 78.3 117.5#
141 488.9 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: BF133919.D

Acq: 23 Jun 2023 00:57

Instrument :

BNA_F

ClientSampleId :

WC-22

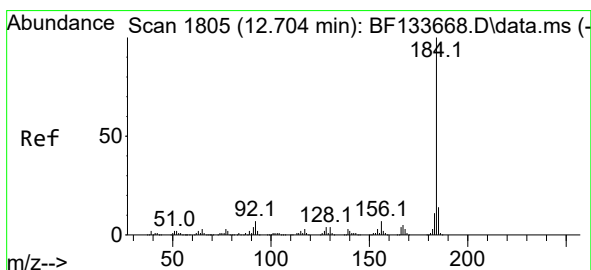
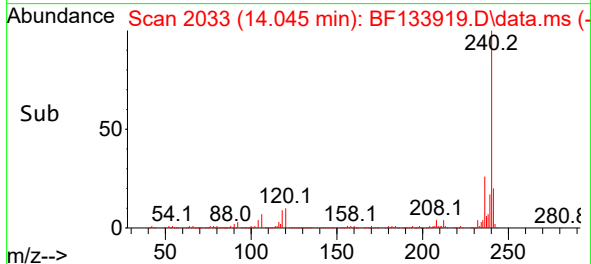
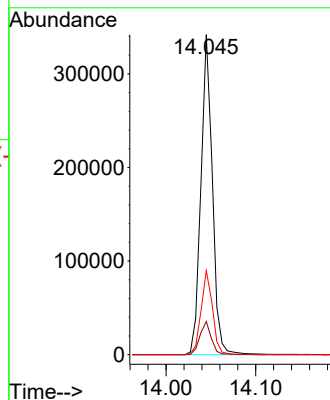
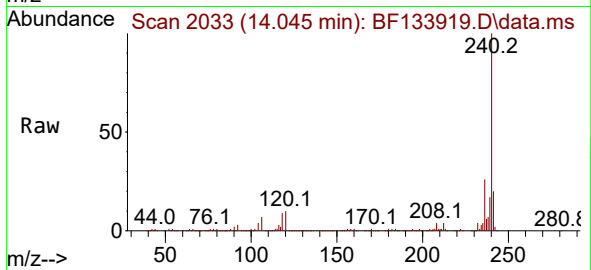
Tgt Ion:240 Resp: 303335

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 26.3 20.5 30.7



#77

Benzidine

Concen: 2.379 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133919.D

Acq: 23 Jun 2023 00:57

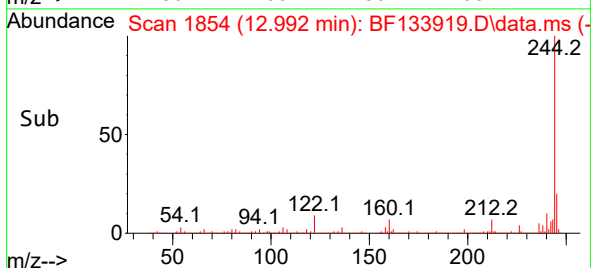
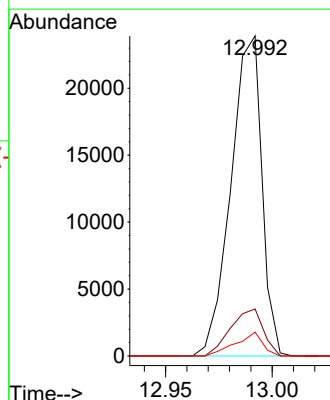
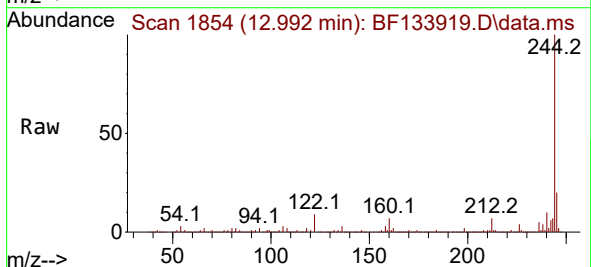
Tgt Ion:184 Resp: 24218

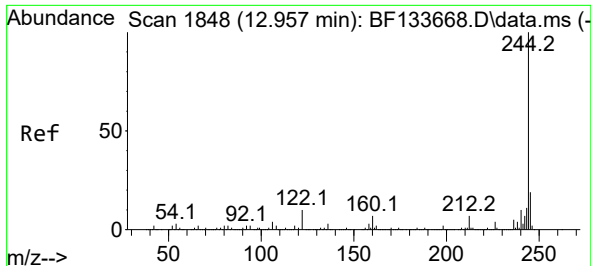
Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

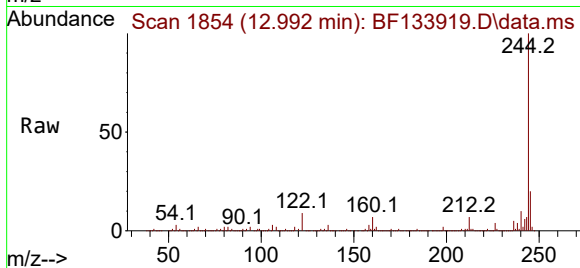
183 7.5 8.4 12.6#



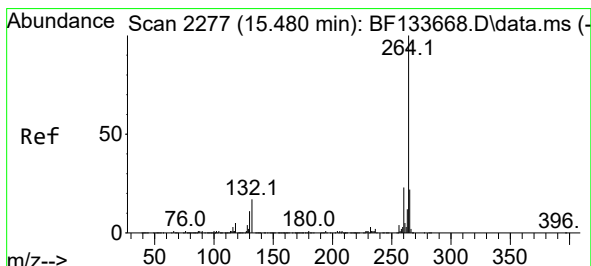
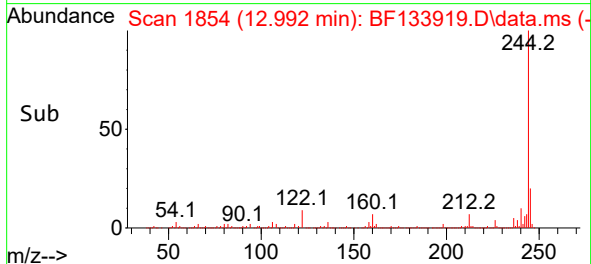
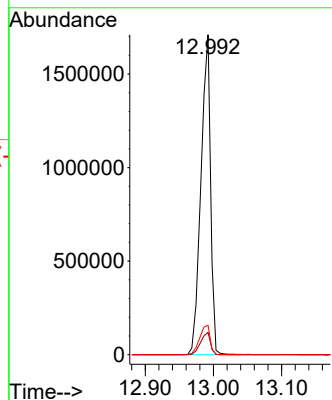


#79
 Terphenyl-d14
 Concen: 85.588 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133919.D
 Acq: 23 Jun 2023 00:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-22



Tgt Ion:244 Resp: 1677837
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.2 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: BF133919.D
 Acq: 23 Jun 2023 00:57

Tgt Ion:264 Resp: 142750
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 20.8 17.8 26.6

