

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136803.D
 Acq On : 28 Dec 2023 20:20
 Operator : CG\JU
 Sample : 05932-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-06-121923

Quant Time: Dec 28 23:31:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

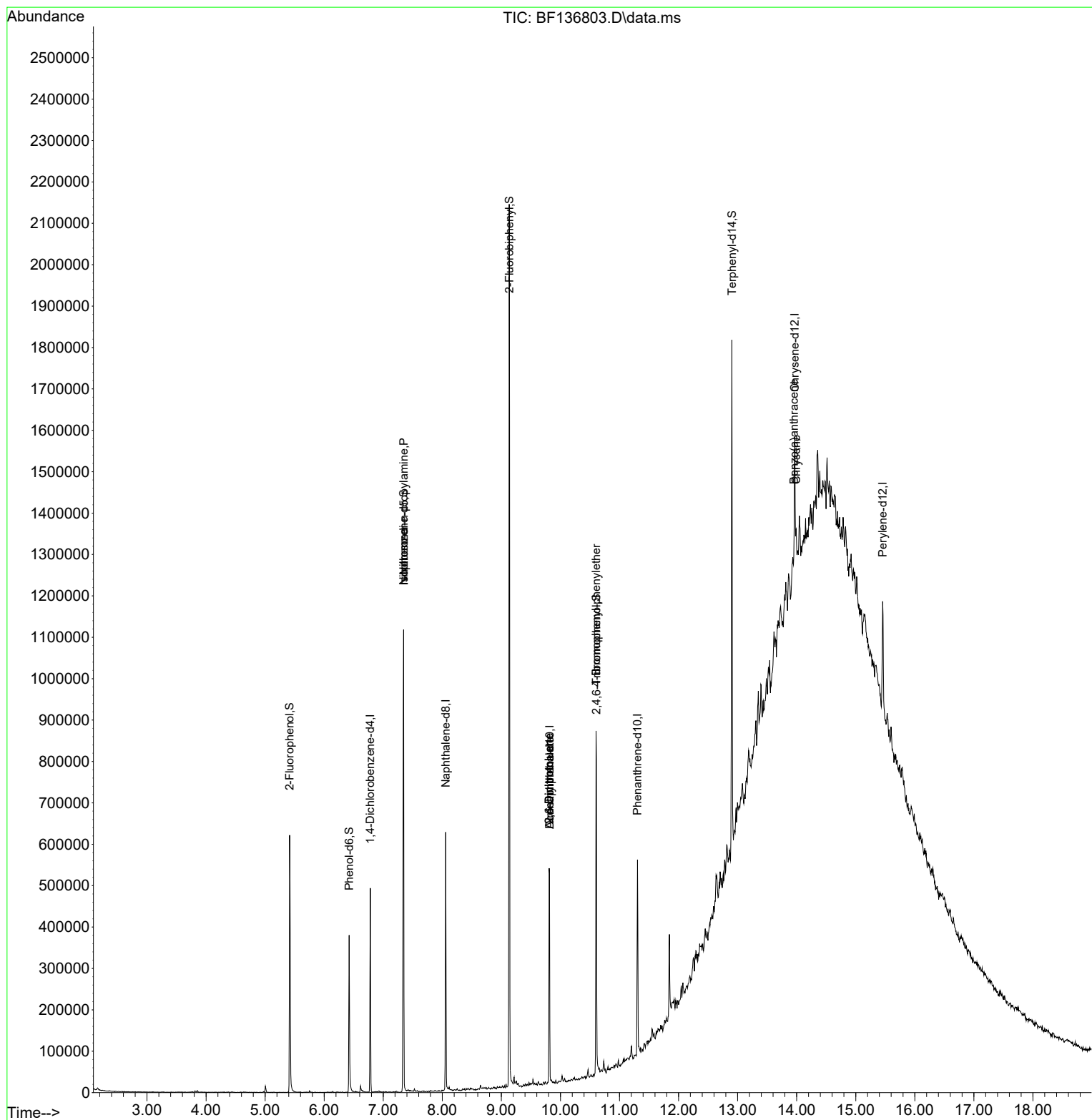
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64238	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	241756	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	109456	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	167881	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	118550	20.000	ng	0.00
86) Perylene-d12	15.456	264	130088	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	172532	41.907	ng	-0.01
7) Phenol-d6	6.422	99	121925	22.855	ng	-0.02
23) Nitrobenzene-d5	7.345	82	347219	73.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	113151	87.776	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	659961	81.095	ng	-0.02
79) Terphenyl-d14	12.904	244	452212	53.307	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	45106	13.948	ng	# 75
25) Isophorone	7.345	82	347266	40.395	ng	# 65
50) Dimethylphthalate	9.816	163	23207	2.903	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	14203	7.828	ng	# 31
57) 2,4-Dinitrotoluene	9.810	165	14203	6.030	ng	# 22
67) 4-Bromophenyl-phenylether	10.604	248	6633	3.558	ng	# 1
81) Benzo(a)anthracene	13.957	228	18799	2.284	ng	# 66
83) Chrysene	13.992	228	23533	2.923	ng	# 72

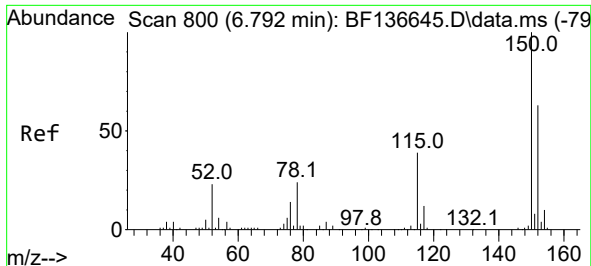
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

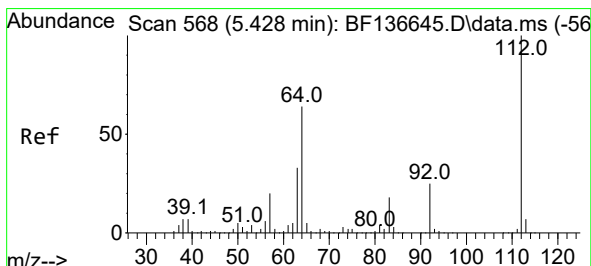
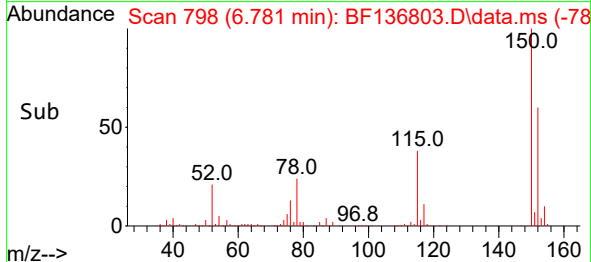
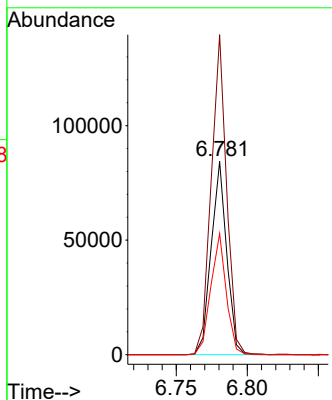
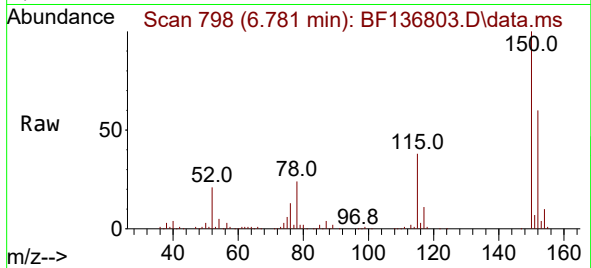




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF136803.D
 Acq: 28 Dec 2023 20:20

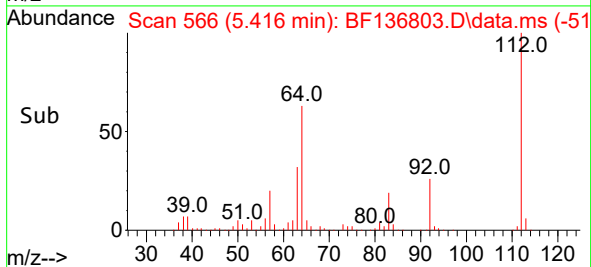
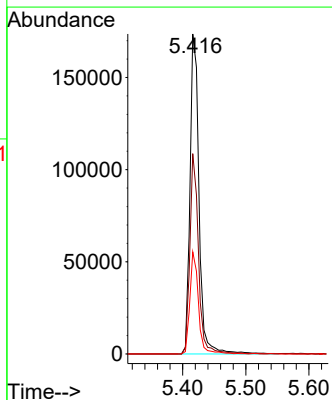
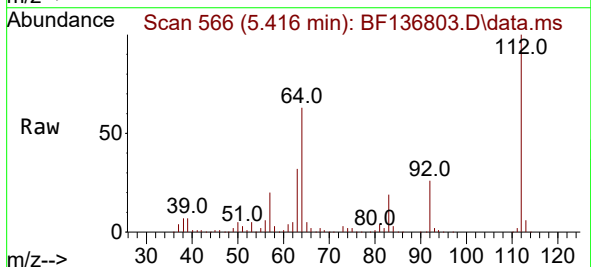
Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-06-121923

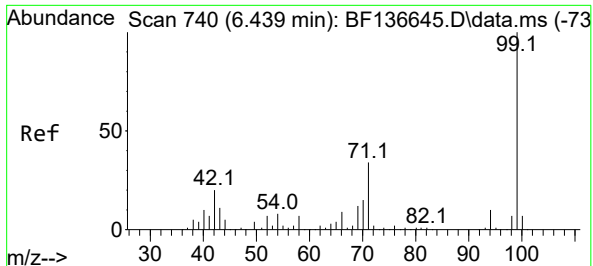
Tgt Ion:152 Resp: 64238
 Ion Ratio Lower Upper
 152 100
 150 165.4 127.0 190.6
 115 62.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 41.907 ng
 RT: 5.416 min Scan# 566
 Delta R.T. -0.012 min
 Lab File: BF136803.D
 Acq: 28 Dec 2023 20:20

Tgt Ion:112 Resp: 172532
 Ion Ratio Lower Upper
 112 100
 64 62.6 51.1 76.7
 63 31.9 26.1 39.1

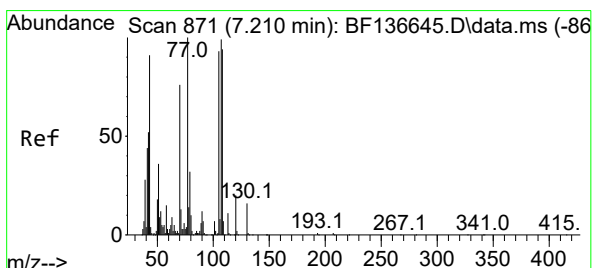
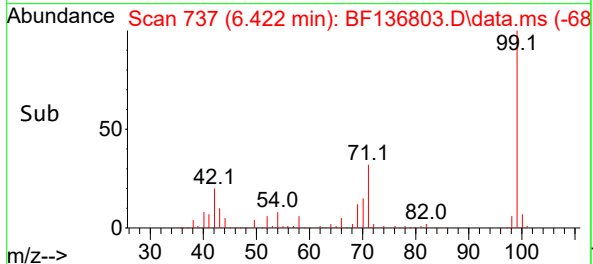
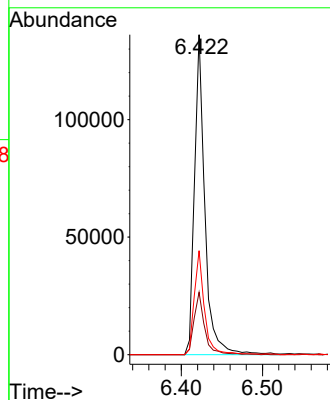
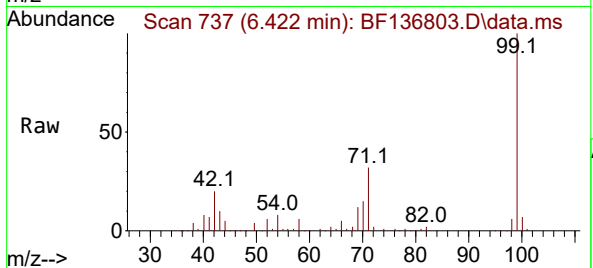




#7
Phenol-d6
Concen: 22.855 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

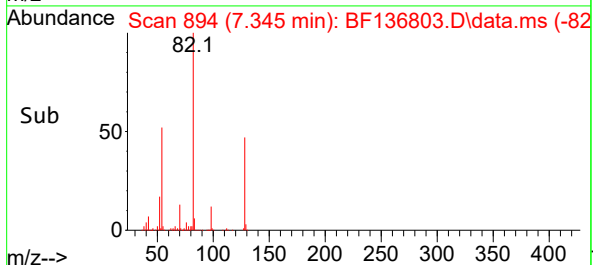
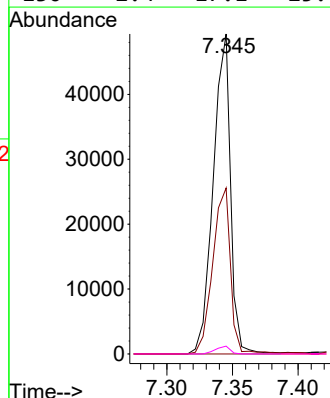
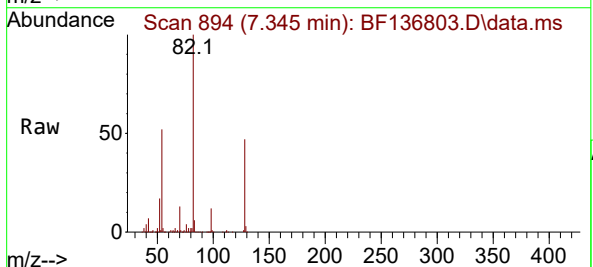
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923

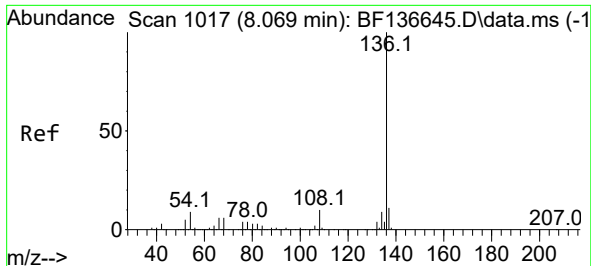
Tgt Ion: 99 Resp: 121925
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 32.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.948 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion: 70 Resp: 45106
Ion Ratio Lower Upper
70 100
42 51.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#

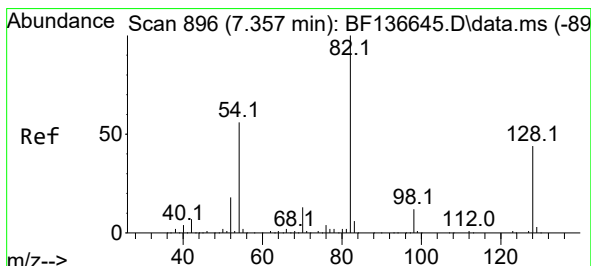
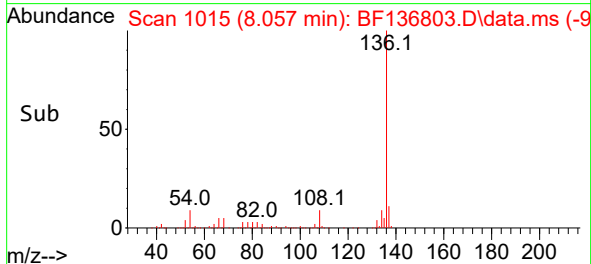
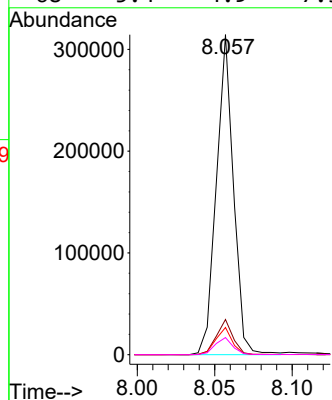
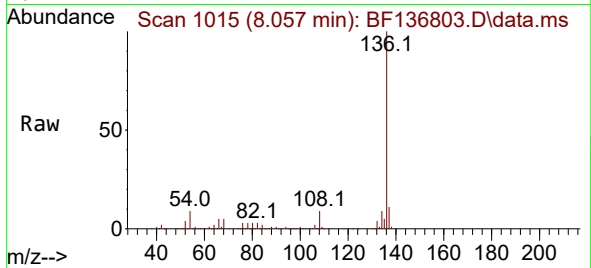




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

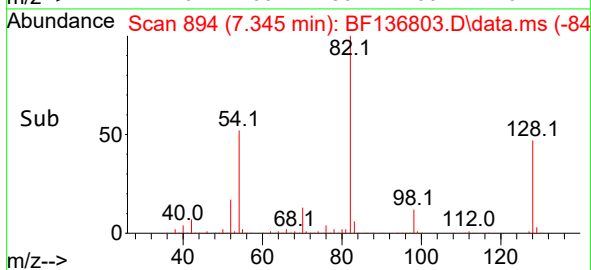
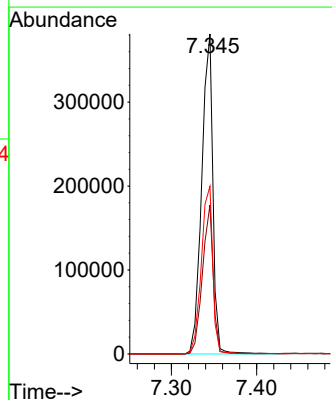
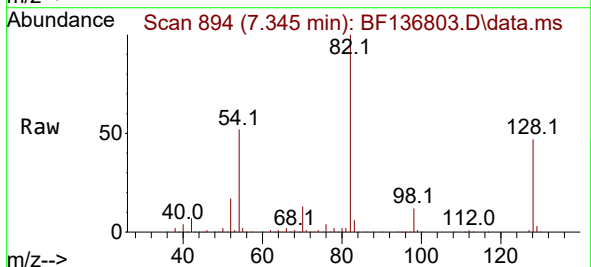
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923

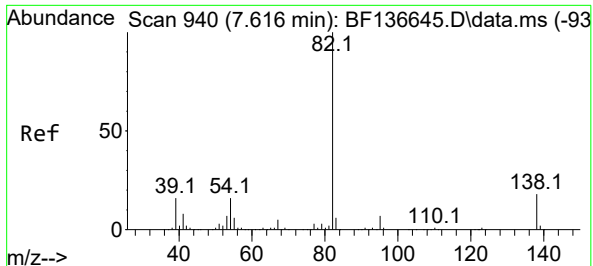
Tgt Ion:136	Resp: 241756
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 8.5	7.2 10.8
68 5.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 73.494 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion: 82	Resp: 347219
Ion Ratio	Lower Upper
82 100	
128 46.5	35.3 52.9
54 52.4	44.5 66.7

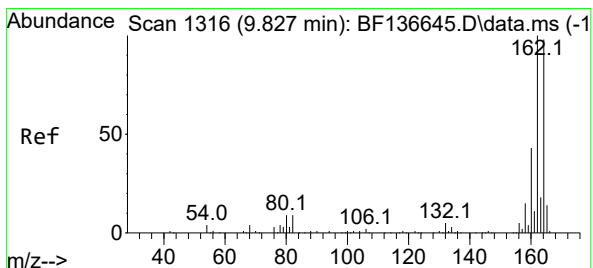
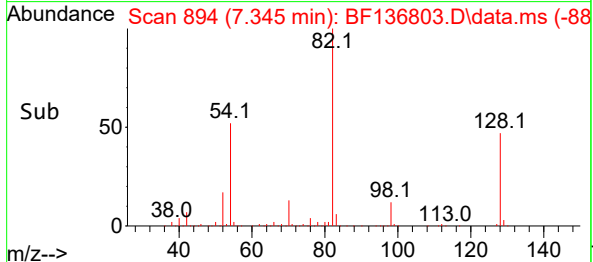
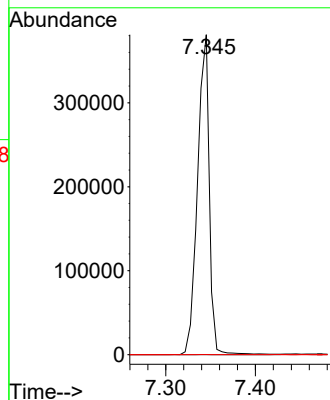
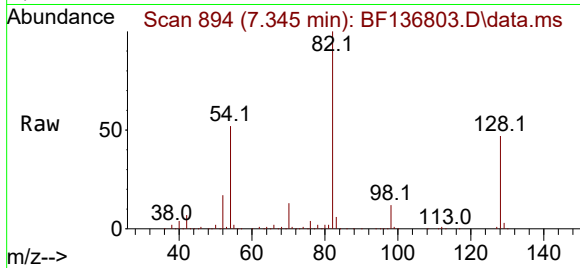




#25
Isophorone
Concen: 40.395 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

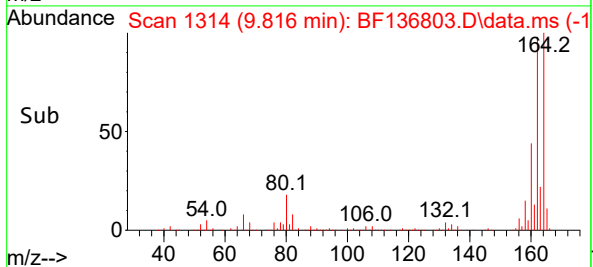
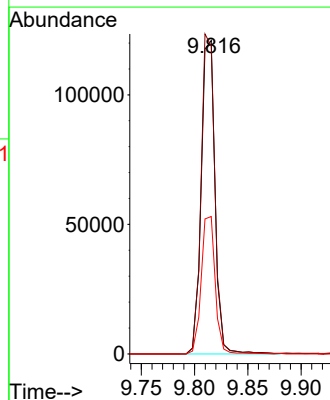
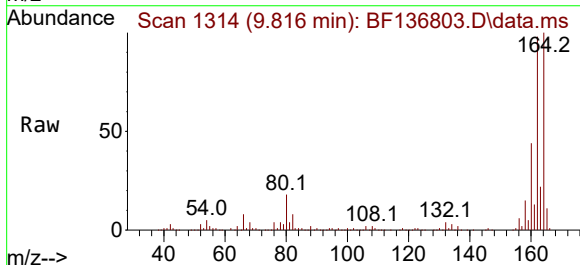
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923

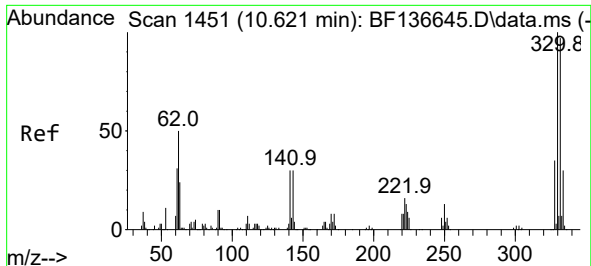
Tgt Ion: 82 Resp: 347266
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion:164 Resp: 109456
Ion Ratio Lower Upper
164 100
162 98.2 81.6 122.4
160 43.8 34.9 52.3

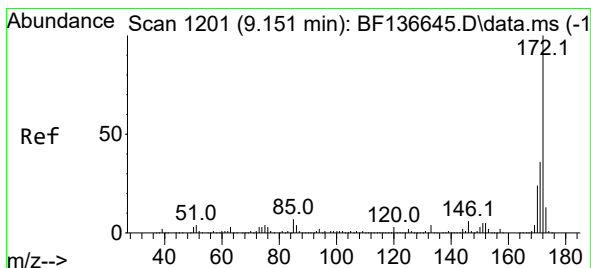
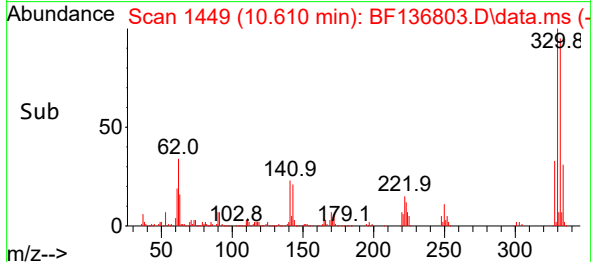
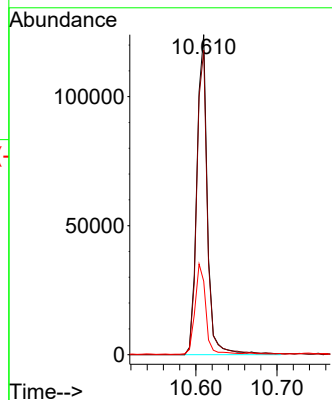
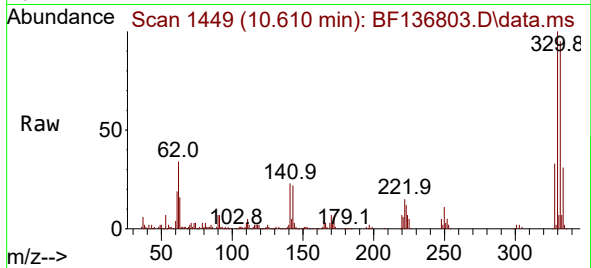




#42
2,4,6-Tribromophenol
Concen: 87.776 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

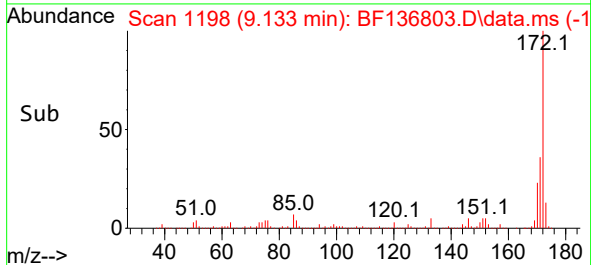
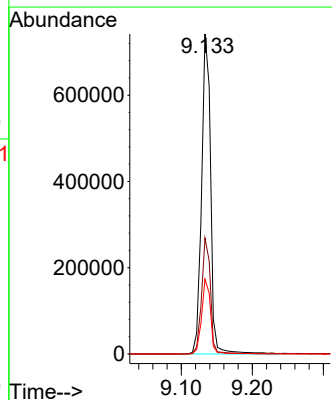
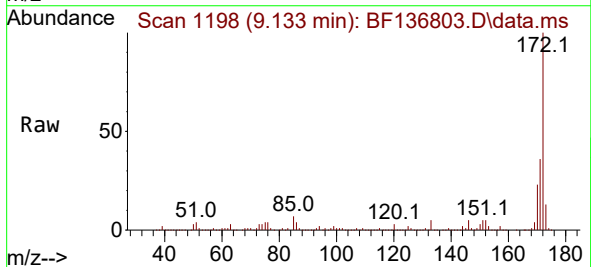
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923

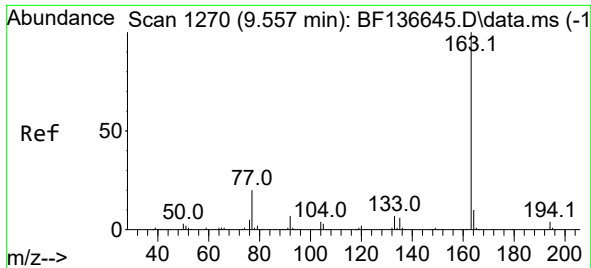
Tgt Ion:330 Resp: 113151
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.095 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion:172 Resp: 659961
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.4 19.0 28.4

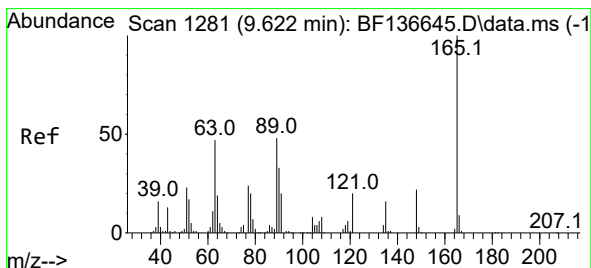
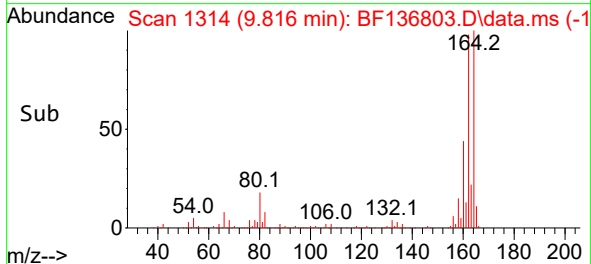
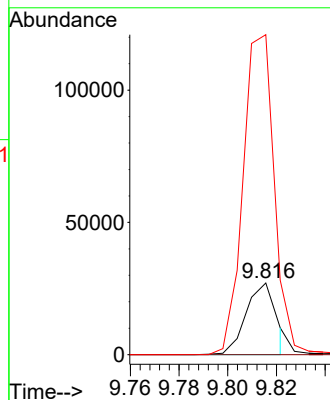
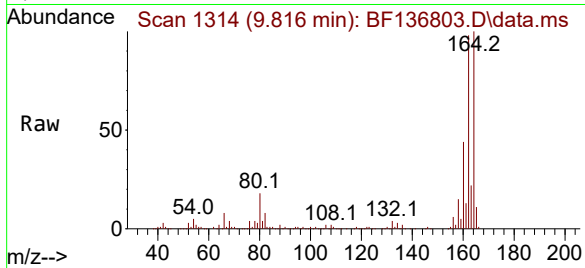




#50
Dimethylphthalate
Concen: 2.903 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

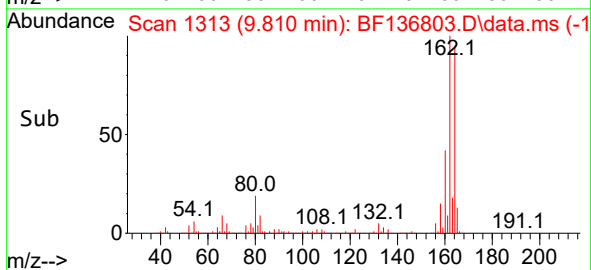
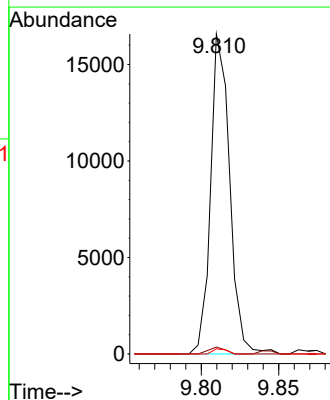
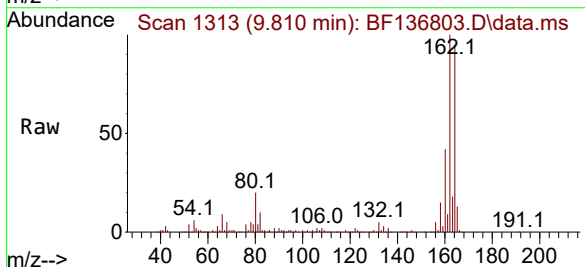
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923

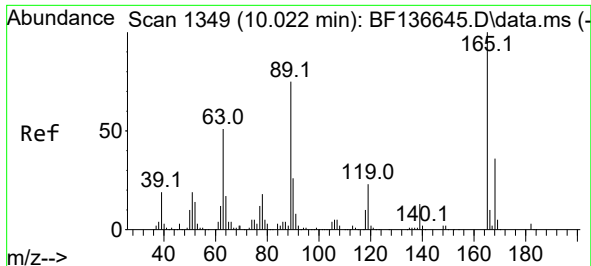
Tgt Ion:163 Resp: 23207
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 446.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.828 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion:165 Resp: 14203
Ion Ratio Lower Upper
165 100
63 2.2 39.8 59.6#
89 1.6 38.8 58.2#





#57

2,4-Dinitrotoluene

Concen: 6.030 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.212 min

Lab File: BF136803.D

Acq: 28 Dec 2023 20:20

Instrument :

BNA_F

ClientSampleId :

RT-MW-06-121923

Tgt Ion:165 Resp: 14203

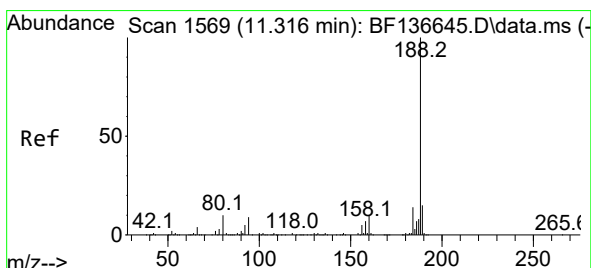
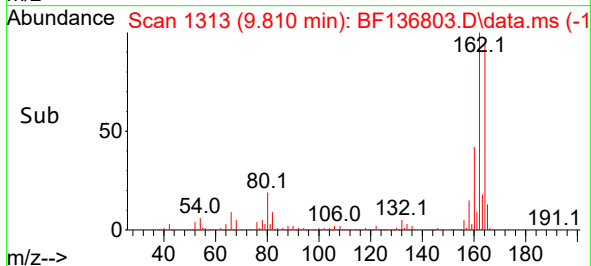
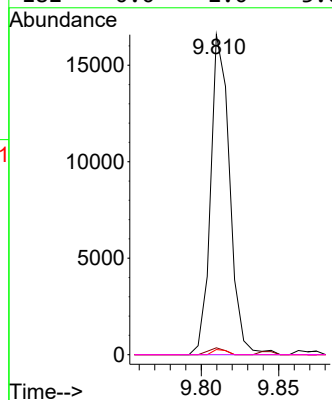
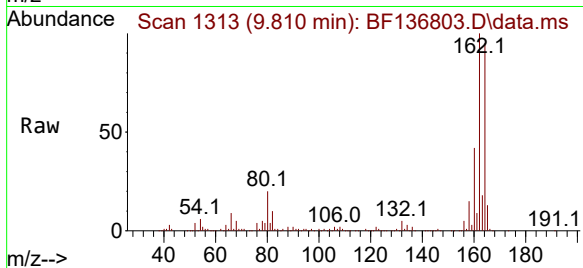
Ion Ratio Lower Upper

165 100

63 2.2 41.0 61.6#

89 1.6 59.9 89.9#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF136803.D

Acq: 28 Dec 2023 20:20

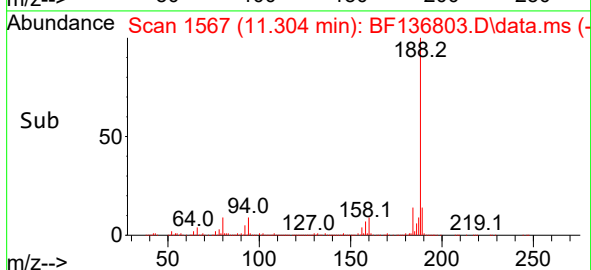
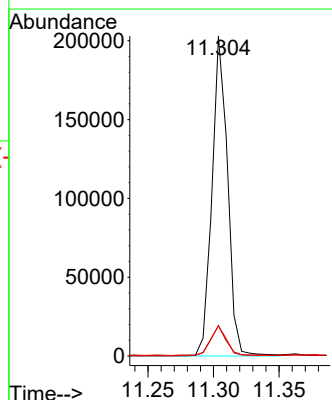
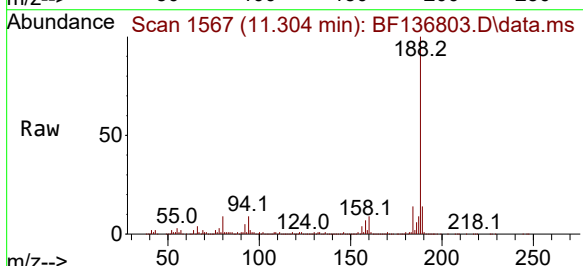
Tgt Ion:188 Resp: 167881

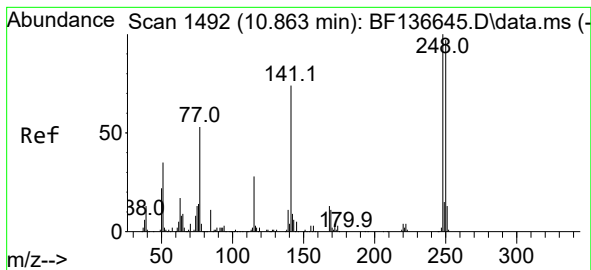
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.4 8.1 12.1

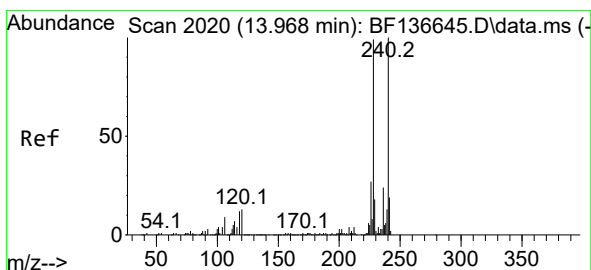
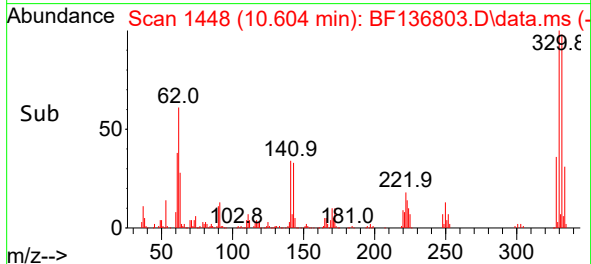
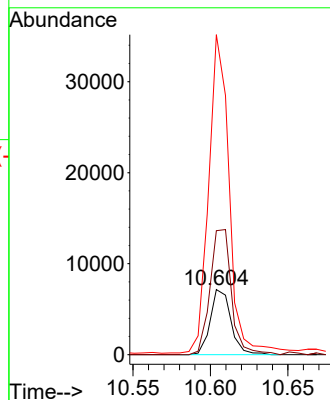
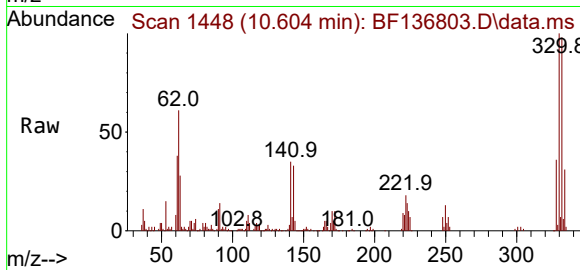




#67
4-Bromophenyl-phenylether
Concen: 3.558 ng
RT: 10.604 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

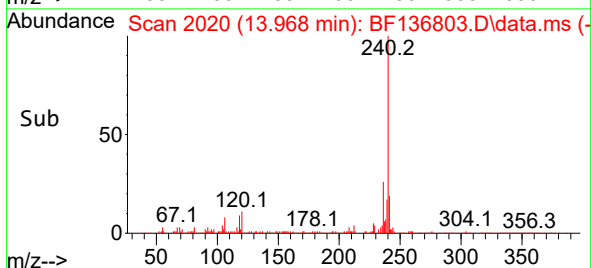
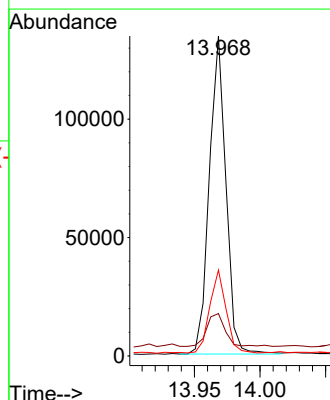
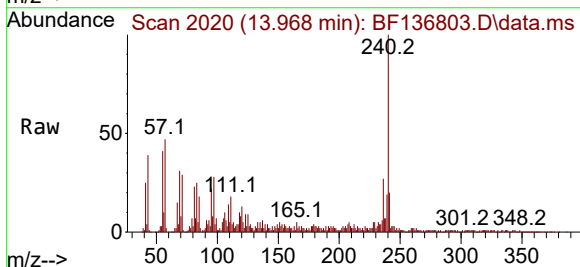
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923

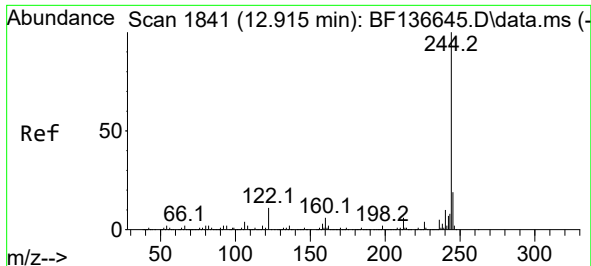
Tgt Ion:248 Resp: 6633
Ion Ratio Lower Upper
248 100
250 190.2 77.8 116.6#
141 490.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion:240 Resp: 118550
Ion Ratio Lower Upper
240 100
120 13.2 10.3 15.5
236 26.8 19.4 29.2

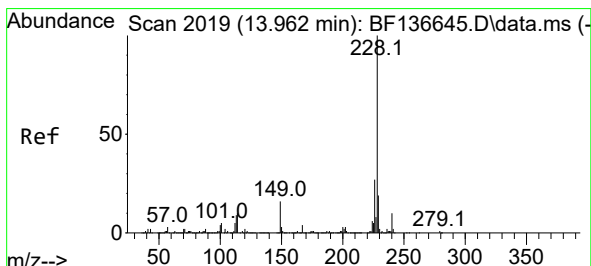
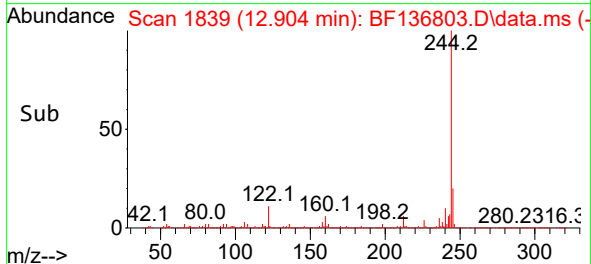
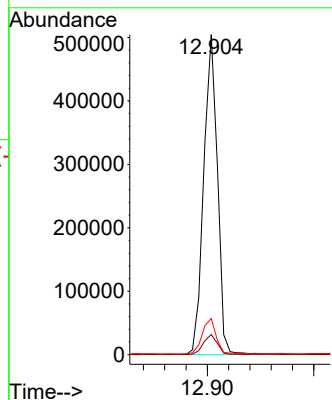
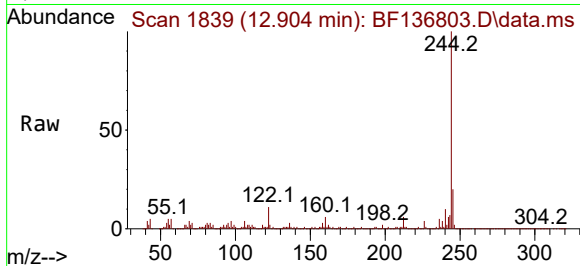




#79
 Terphenyl-d14
 Concen: 53.307 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136803.D
 Acq: 28 Dec 2023 20:20

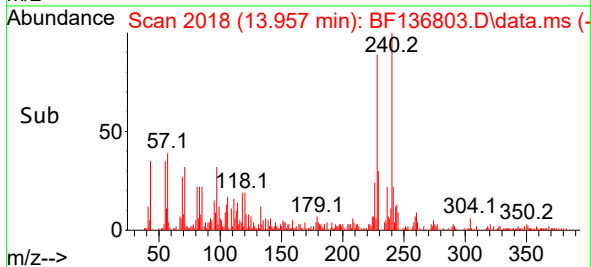
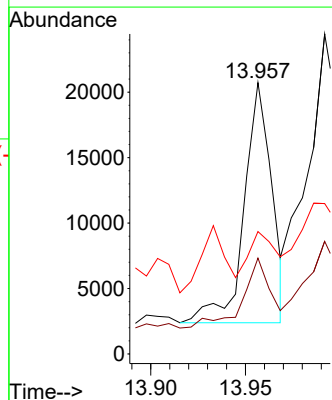
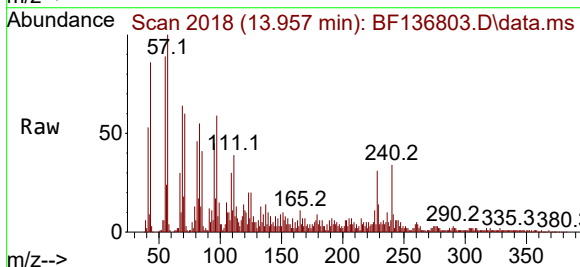
Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-06-121923

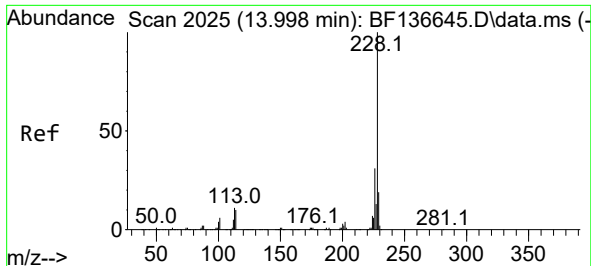
Tgt Ion:244 Resp: 452212
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.3 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.284 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF136803.D
 Acq: 28 Dec 2023 20:20

Tgt Ion:228 Resp: 18799
 Ion Ratio Lower Upper
 228 100
 226 35.3 21.4 32.0#
 229 45.1 14.9 22.3#





#83

Chrysene

Concen: 2.923 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136803.D

Acq: 28 Dec 2023 20:20

Instrument :

BNA_F

ClientSampleId :

RT-MW-06-121923

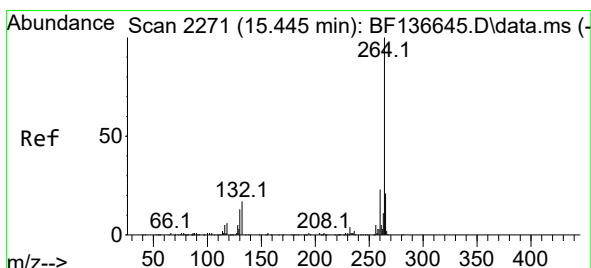
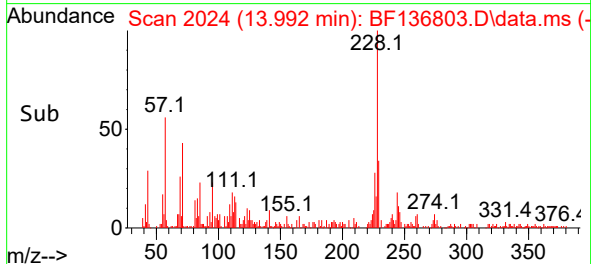
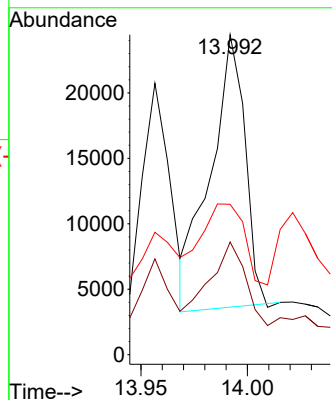
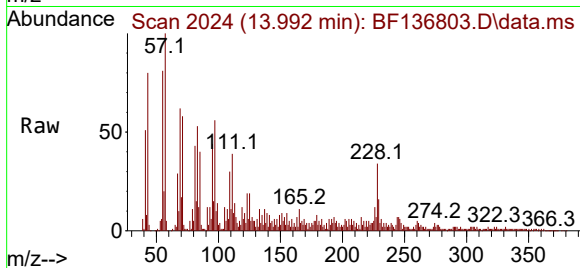
Tgt Ion:228 Resp: 23533

Ion Ratio Lower Upper

228 100

226 35.2 24.7 37.1

229 47.0 15.4 23.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136803.D

Acq: 28 Dec 2023 20:20

Tgt Ion:264 Resp: 130088

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 25.0 17.0 25.6

