

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136886.D
 Acq On : 02 Jan 2024 23:01
 Operator : CG\JU
 Sample : 06040-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EMS-38-WC-1

Quant Time: Jan 03 02:06:01 2024
 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)

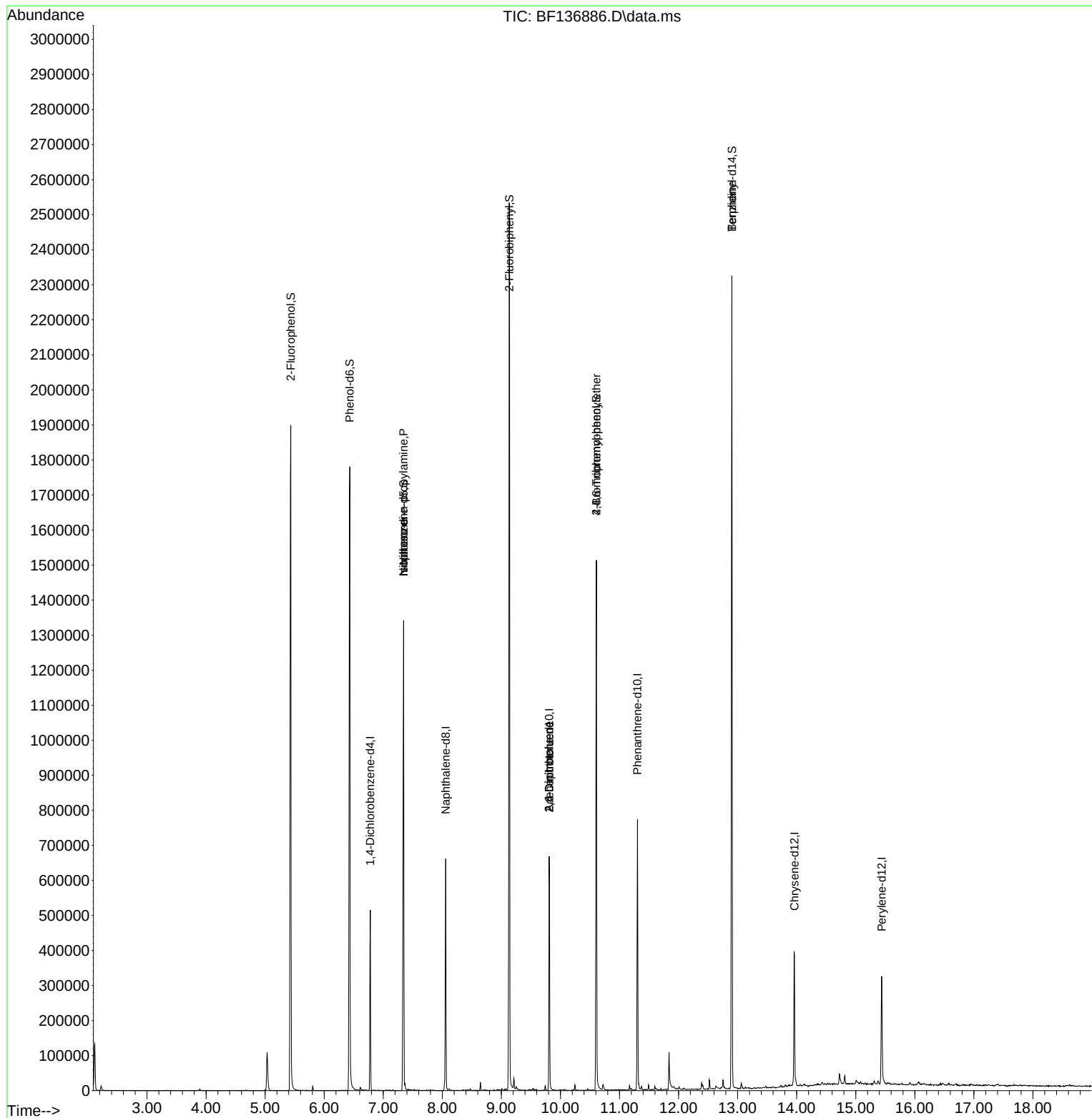
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73917	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	277941	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	140842	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	261178	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	142124	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	144912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	549177	115.924	ng	0.00
7) Phenol-d6	6.434	99	705849	114.987	ng	0.00
23) Nitrobenzene-d5	7.345	82	434439	79.984	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	197535	119.088	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	876480	83.700	ng	-0.02
79) Terphenyl-d14	12.904	244	833253	81.932	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	57754	15.521	ng	# 76
25) Isophorone	7.345	82	432150	43.725	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	17461	7.479	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	17461	5.761	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11671	4.024	ng	# 1
77) Benzidine	12.904	184	9739	2.324	ng	# 92

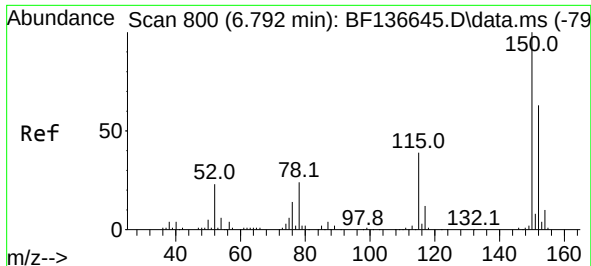
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

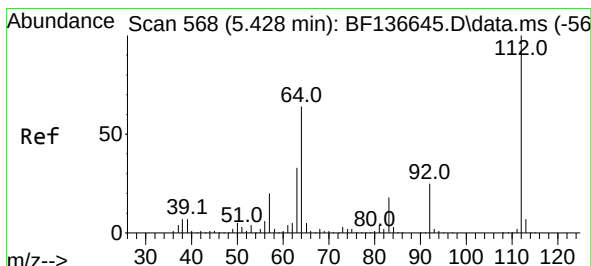
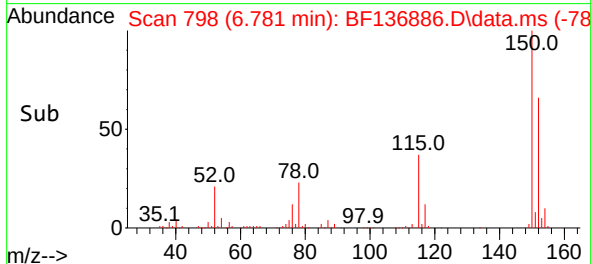
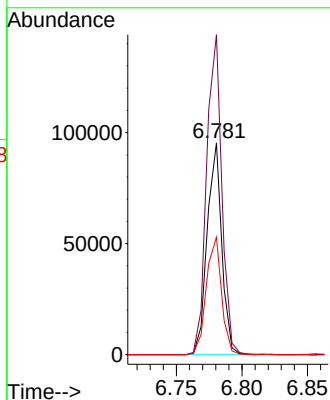
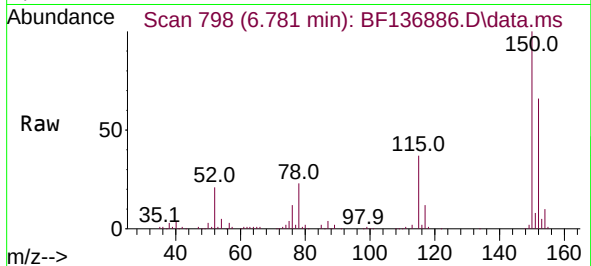




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

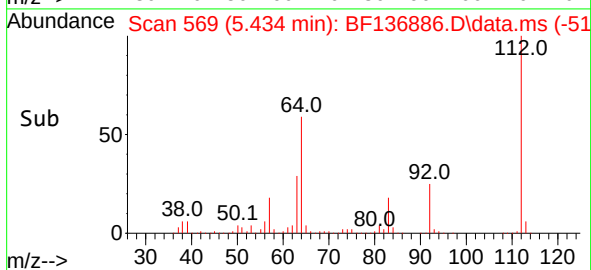
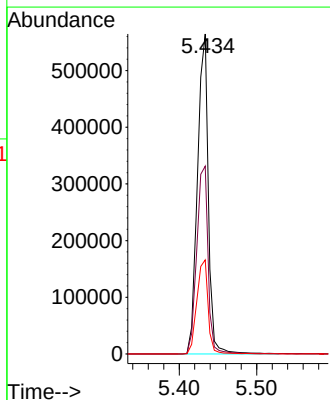
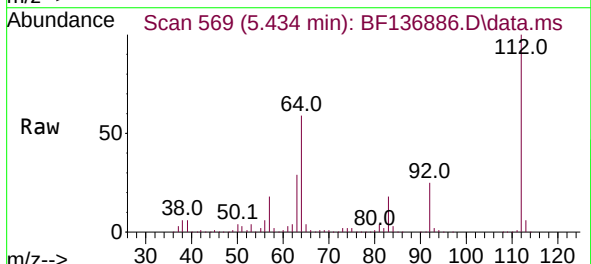
Instrument :
BNA_F
ClientSampleId :
EMS-38-WC-1

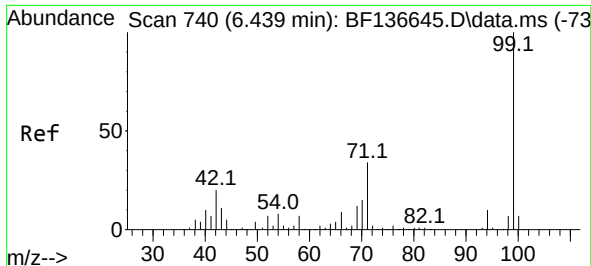
Tgt Ion:152 Resp: 73917
Ion Ratio Lower Upper
152 100
150 151.1 127.0 190.6
115 55.4 49.0 73.4



#5
2-Fluorophenol
Concen: 115.924 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

Tgt Ion:112 Resp: 549177
Ion Ratio Lower Upper
112 100
64 58.7 51.1 76.7
63 29.4 26.1 39.1

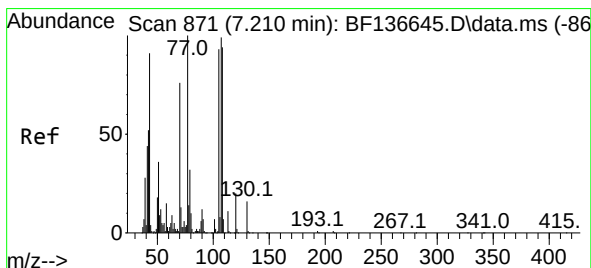
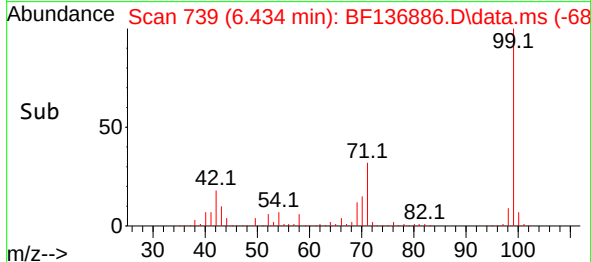
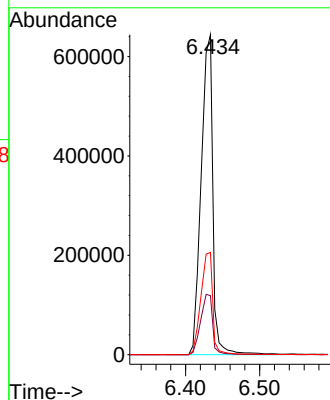
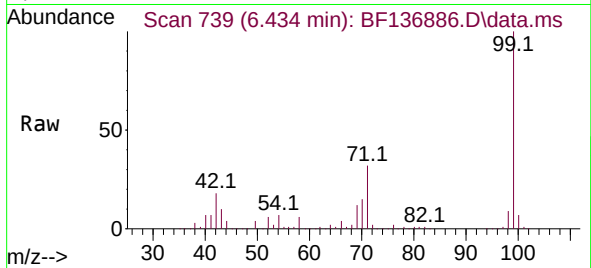




#7
Phenol-d6
Concen: 114.987 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

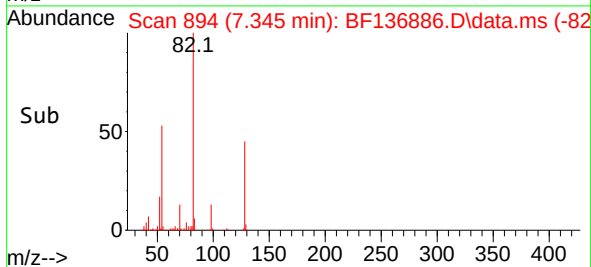
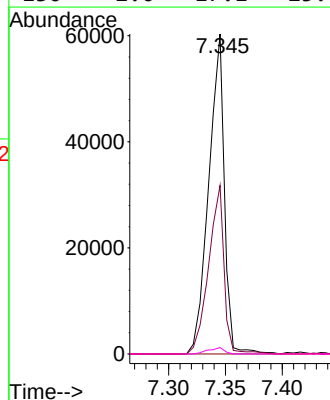
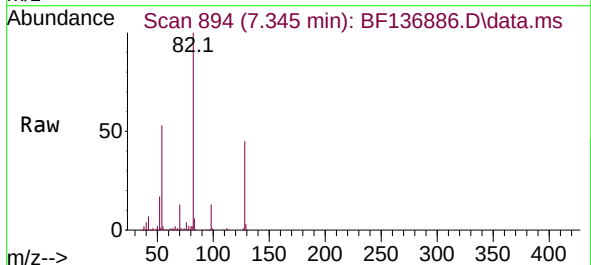
Instrument :
BNA_F
ClientSampleId :
EMS-38-WC-1

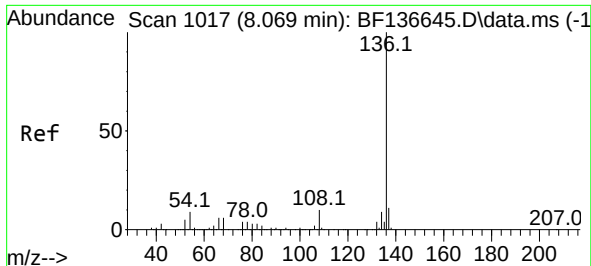
Tgt Ion: 99 Resp: 705849
Ion Ratio Lower Upper
99 100
42 18.5 16.1 24.1
71 32.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.521 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

Tgt Ion: 70 Resp: 57754
Ion Ratio Lower Upper
70 100
42 52.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



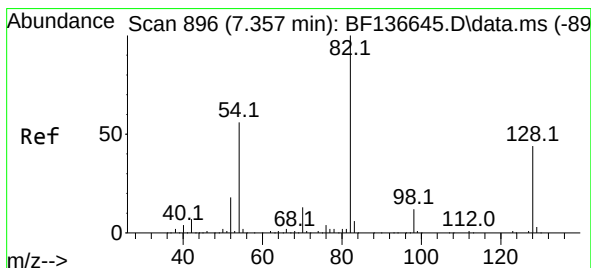
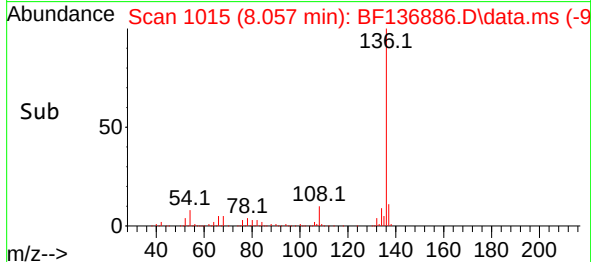
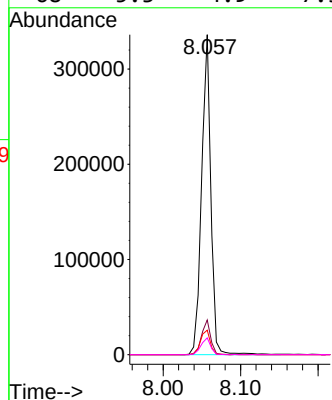
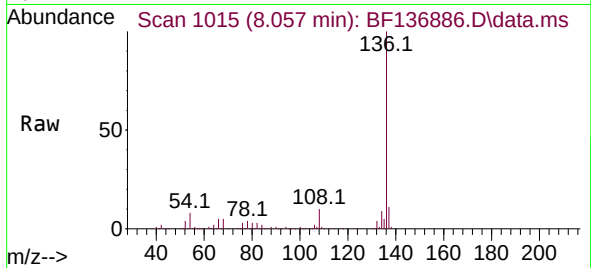


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

Instrument :
BNA_F
ClientSampleId :
EMS-38-WC-1

Tgt Ion:136 Resp: 277941

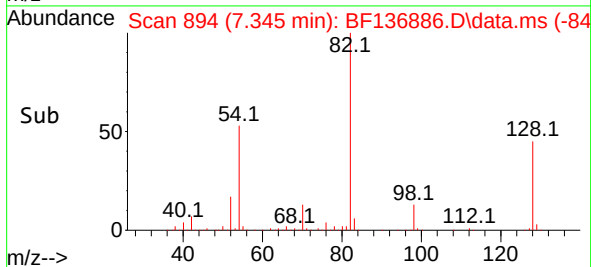
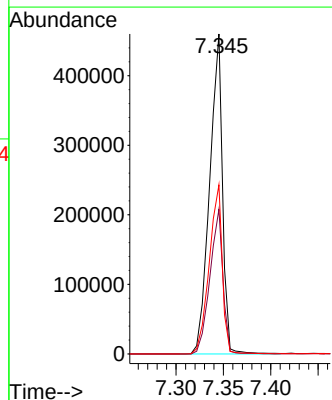
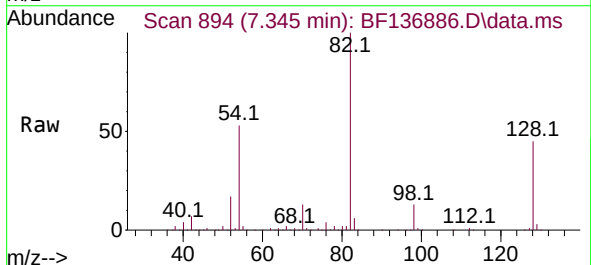
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.6	7.2	10.8
68	5.3	4.9	7.3

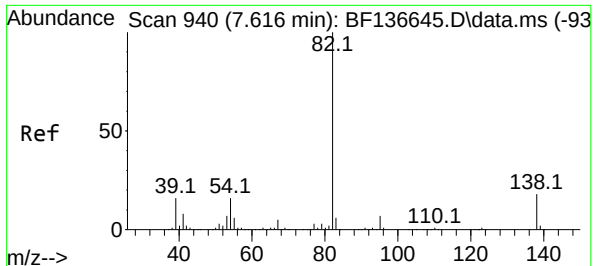


#23
Nitrobenzene-d5
Concen: 79.984 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

Tgt Ion: 82 Resp: 434439

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.3	52.9
54	52.8	44.5	66.7

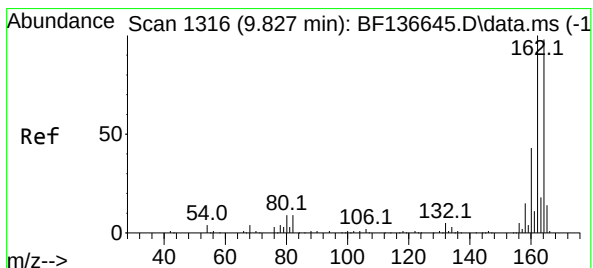
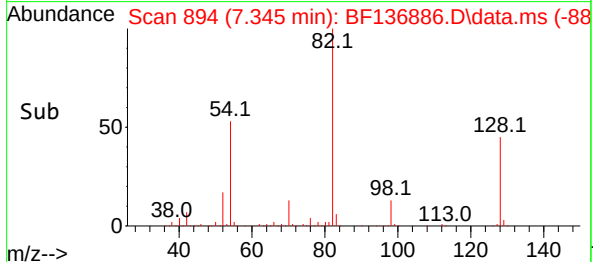
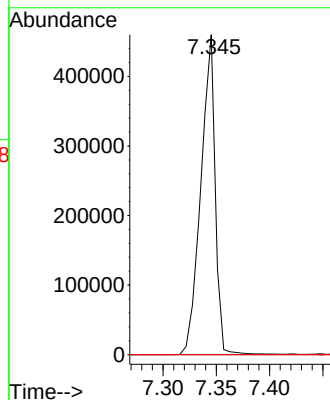
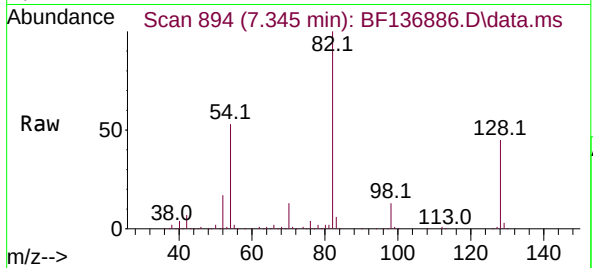




#25
Isophorone
Concen: 43.725 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

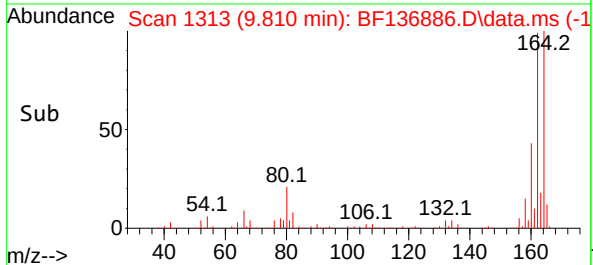
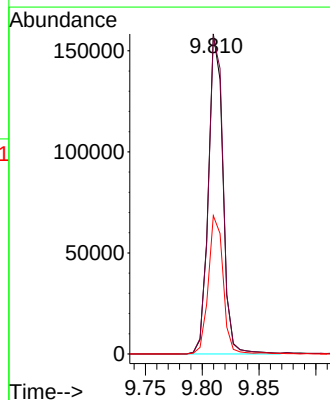
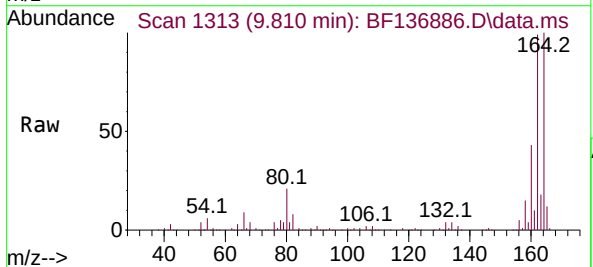
Instrument :
BNA_F
ClientSampleId :
EMS-38-WC-1

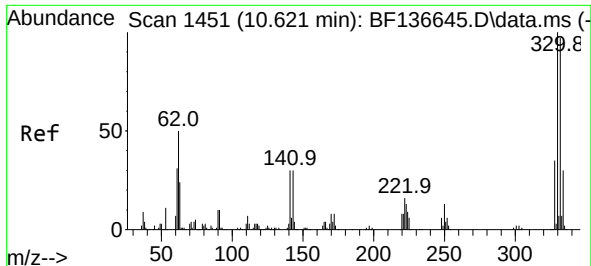
Tgt Ion: 82 Resp: 432150
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

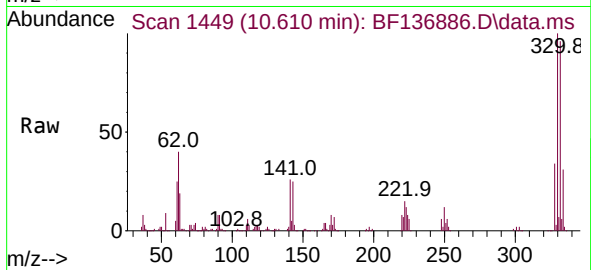
Tgt Ion:164 Resp: 140842
Ion Ratio Lower Upper
164 100
162 99.1 81.6 122.4
160 43.2 34.9 52.3



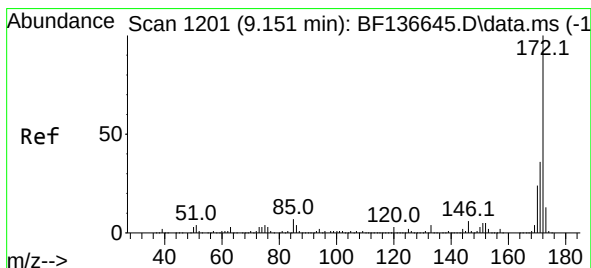
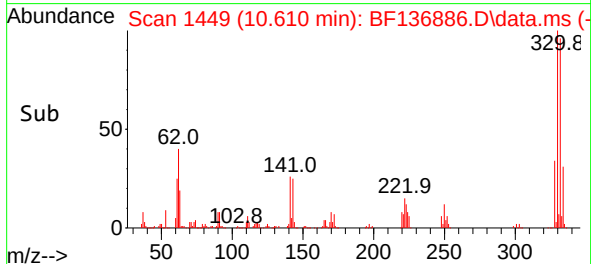
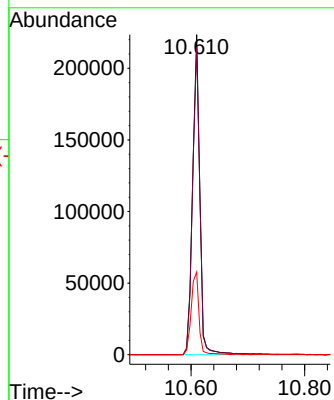


#42
2,4,6-Tribromophenol
Concen: 119.088 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

Instrument :
BNA_F
ClientSampleId :
EMS-38-WC-1

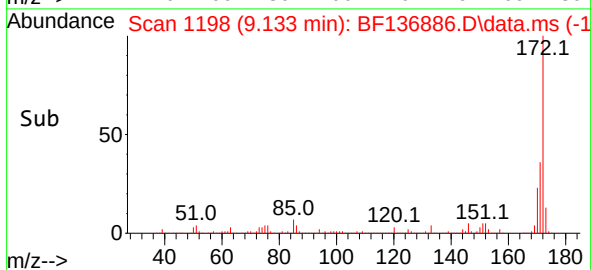
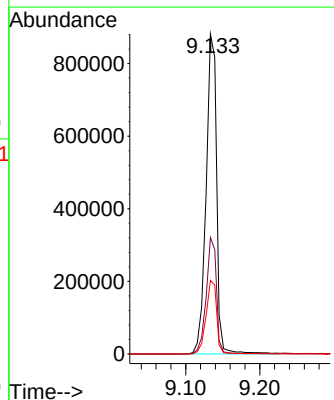
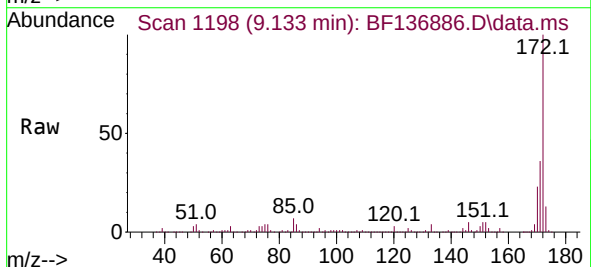


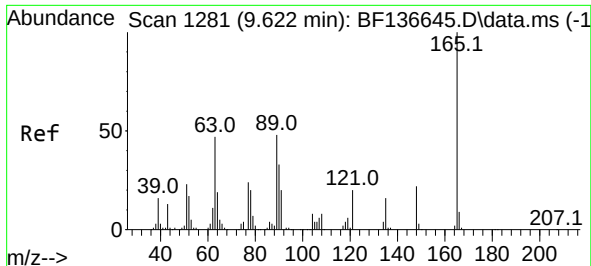
Tgt Ion:330 Resp: 197535
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 83.700 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

Tgt Ion:172 Resp: 876480
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.0 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.479 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.188 min

Lab File: BF136886.D

Acq: 02 Jan 2024 23:01

Instrument :

BNA_F

ClientSampleId :

EMS-38-WC-1

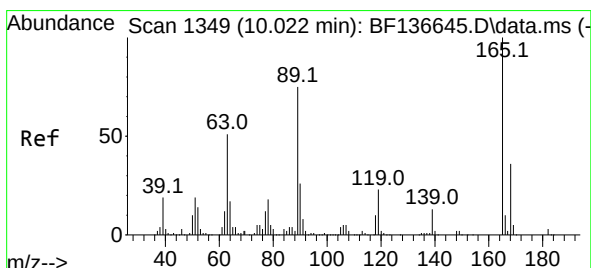
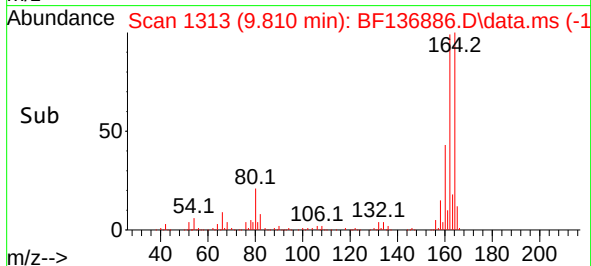
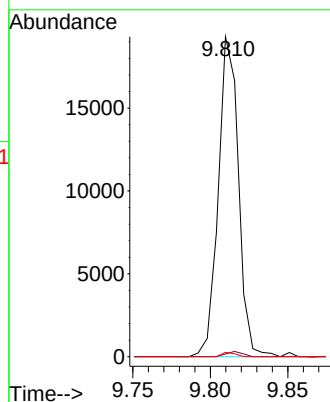
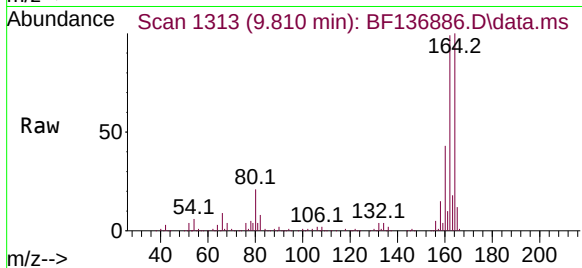
Tgt Ion:165 Resp: 17461

Ion Ratio Lower Upper

165 100

63 0.8 39.8 59.6#

89 1.3 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.761 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136886.D

Acq: 02 Jan 2024 23:01

Tgt Ion:165 Resp: 17461

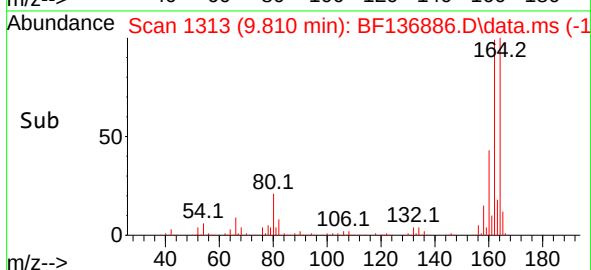
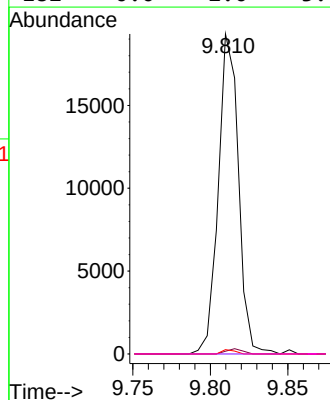
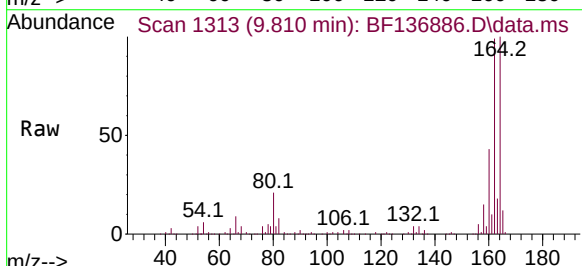
Ion Ratio Lower Upper

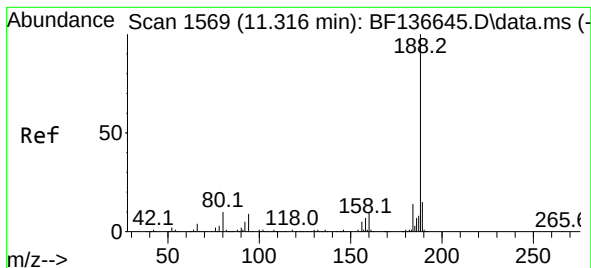
165 100

63 0.8 41.0 61.6#

89 1.3 59.9 89.9#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136886.D

Acq: 02 Jan 2024 23:01

Instrument :

BNA_F

ClientSampleId :

EMS-38-WC-1

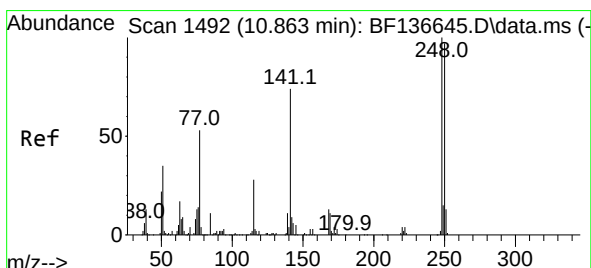
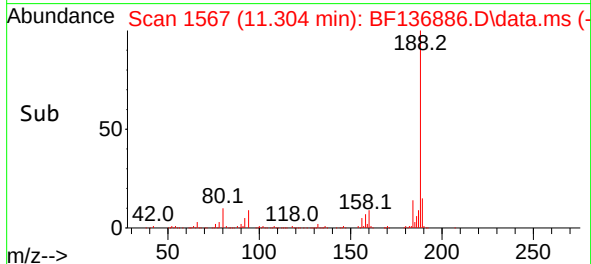
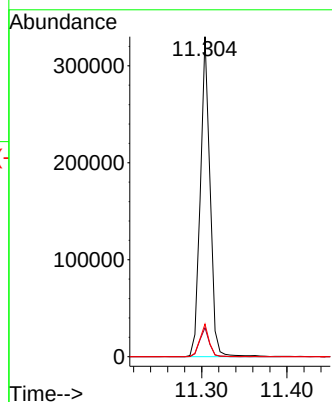
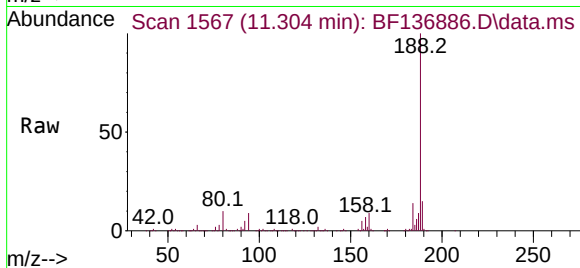
Tgt Ion:188 Resp: 261178

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.2 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.024 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136886.D

Acq: 02 Jan 2024 23:01

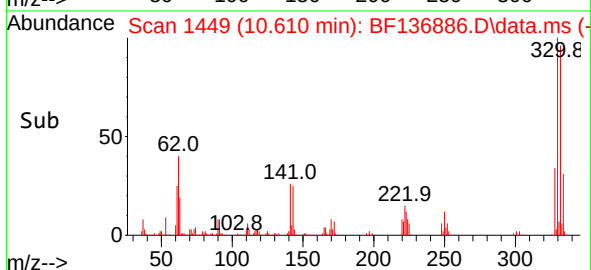
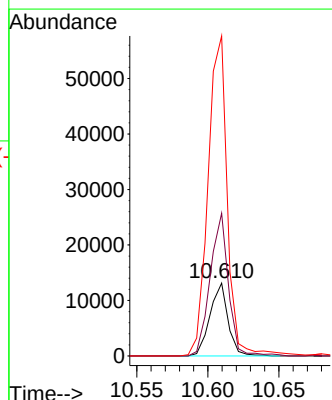
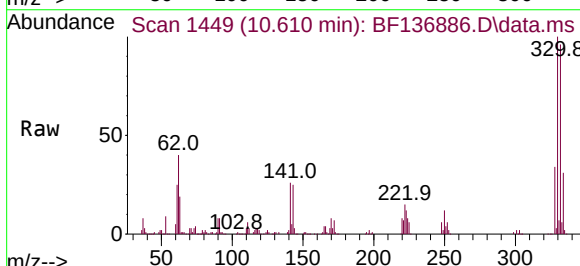
Tgt Ion:248 Resp: 11671

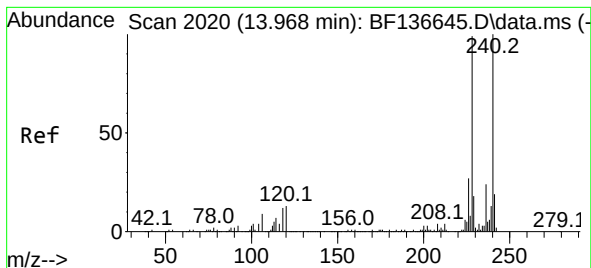
Ion Ratio Lower Upper

248 100

250 196.1 77.8 116.6#

141 439.6 59.2 88.8#

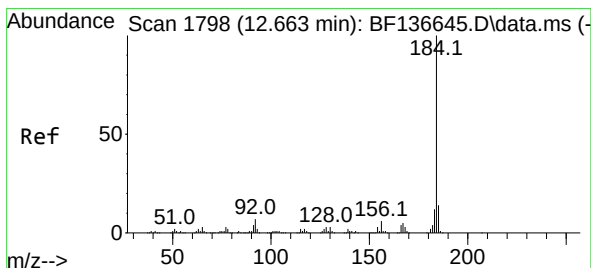
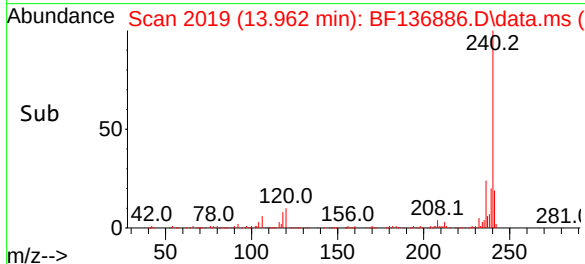
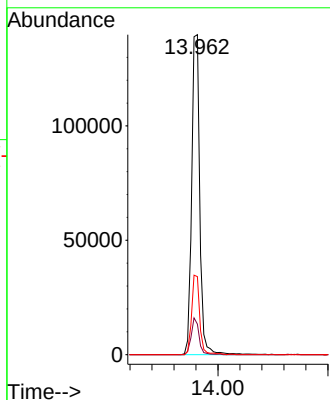
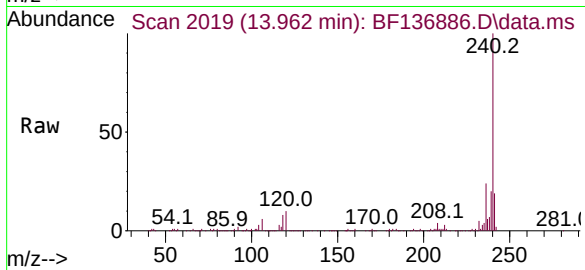




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

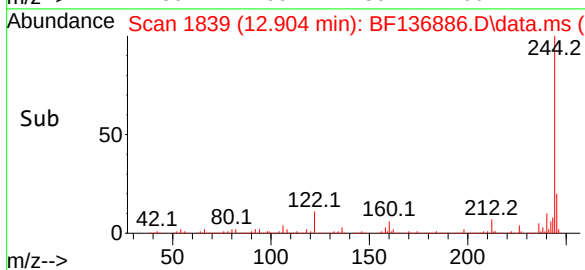
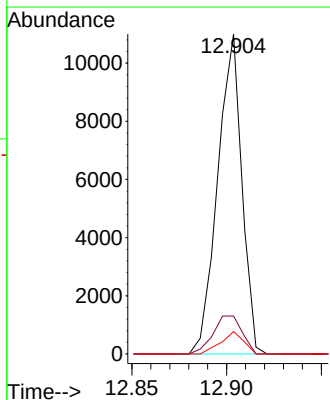
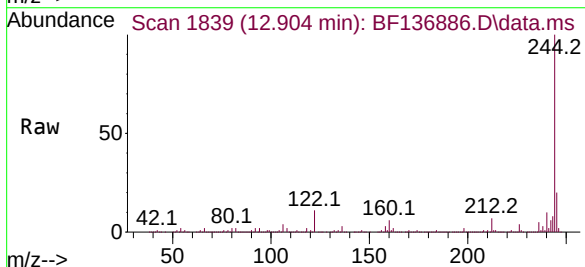
Instrument :
BNA_F
ClientSampleId :
EMS-38-WC-1

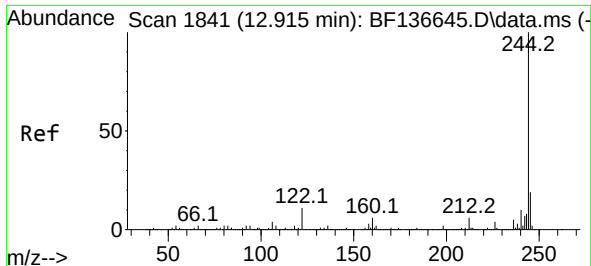
Tgt Ion:240 Resp: 142124
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 24.4 19.4 29.2



#77
Benzidine
Concen: 2.324 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136886.D
Acq: 02 Jan 2024 23:01

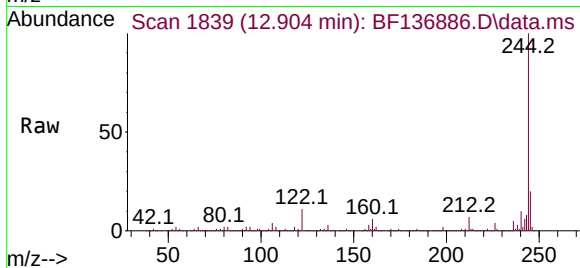
Tgt Ion:184 Resp: 9739
Ion Ratio Lower Upper
184 100
185 11.9 11.2 16.8
183 7.0 9.3 13.9#



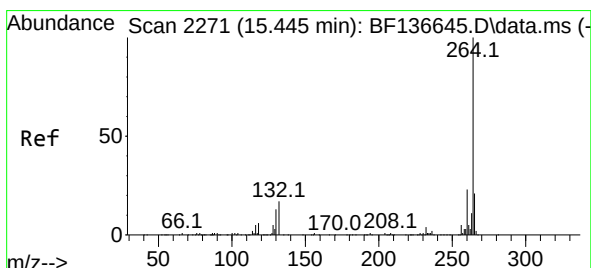
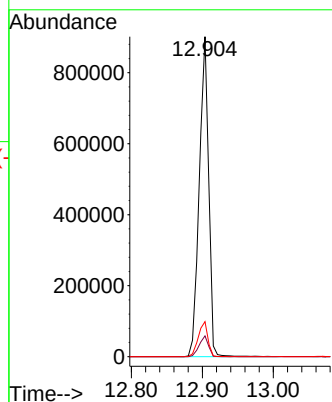
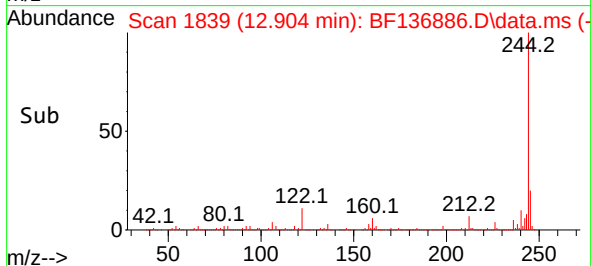


#79
 Terphenyl-d14
 Concen: 81.932 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136886.D
 Acq: 02 Jan 2024 23:01

Instrument :
 BNA_F
 ClientSampleId :
 EMS-38-WC-1



Tgt Ion:244 Resp: 833253
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136886.D
 Acq: 02 Jan 2024 23:01

Tgt Ion:264 Resp: 144912
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 21.1 17.0 25.6

