

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138502.D
 Acq On : 10 Jul 2024 15:36
 Operator : CG\JU
 Sample : P2886-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 10 16:02:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

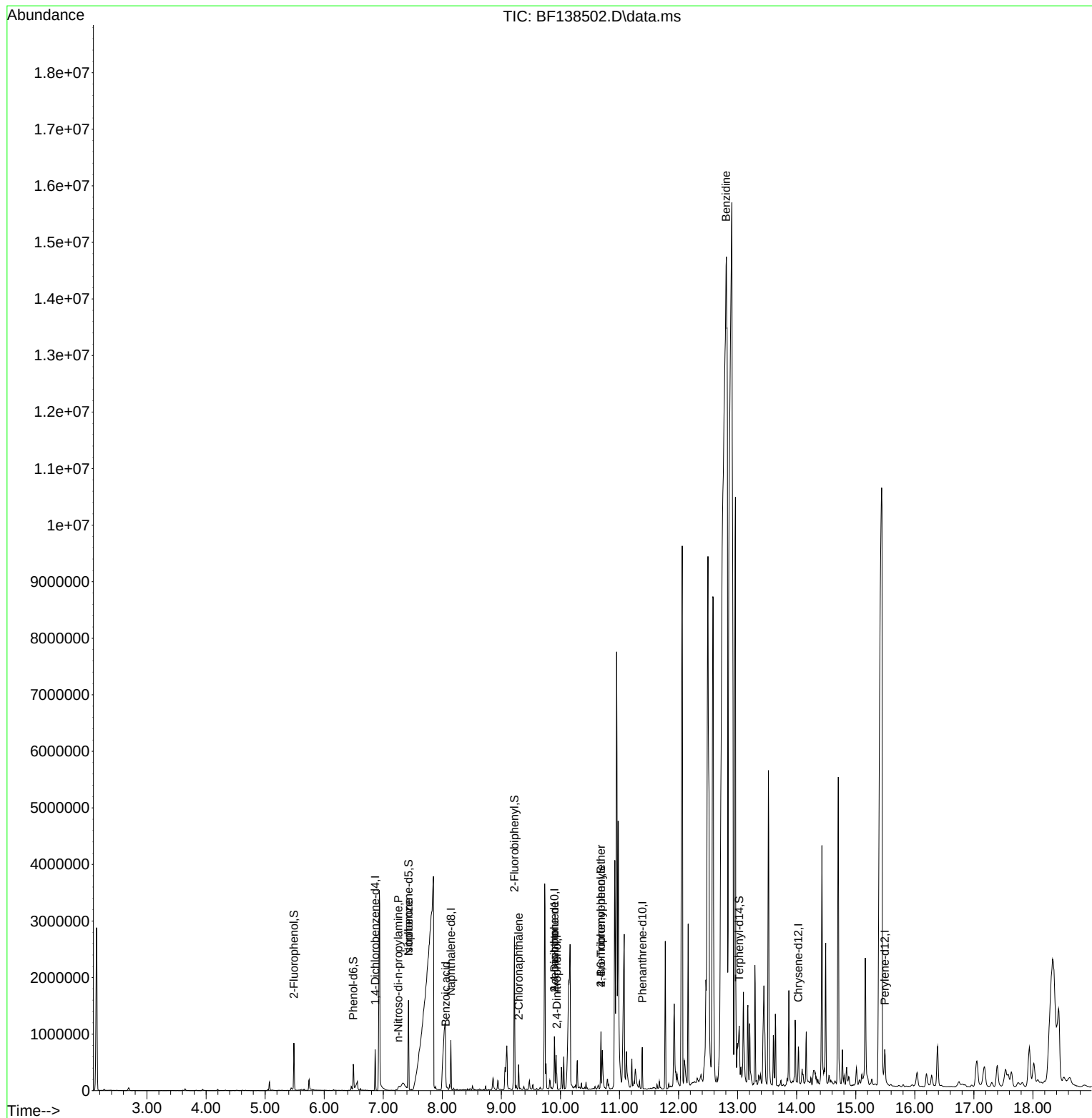
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91200	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	325424	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	158629	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	244744	20.000	ng	0.00
76) Chrysene-d12	14.027	240	204425	20.000	ng	0.00
86) Perylene-d12	15.492	264	217314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	177148	30.763	ng	0.00
7) Phenol-d6	6.492	99	139413	18.199	ng	-0.01
23) Nitrobenzene-d5	7.428	82	466912	70.444	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	98924	66.726	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	753800	74.269	ng	0.00
79) Terphenyl-d14	13.027	244	812326	64.736	ng	0.05
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.257	70	10398	2.197	ng	# 64
25) Isophorone	7.428	82	465680	40.912	ng	# 68
32) Benzoic acid	8.057	122	33247	9.824	ng	# 85
47) 2-Chloronaphthalene	9.292	162	25023	2.755	ng	# 38
54) 2,4-Dinitrophenol	9.939	184	368	4.941	ng	# 10
57) 2,4-Dinitrotoluene	9.898	165	21140	6.918	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	6904	2.745	ng	# 1
77) Benzidine	12.804	184	19295	3.741	ng	# 1

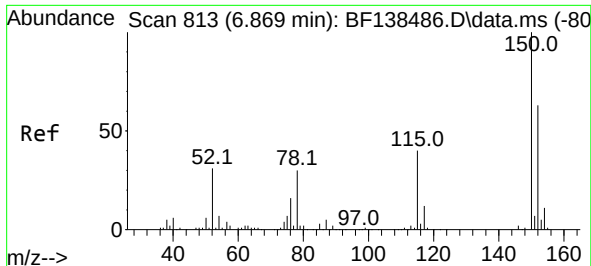
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
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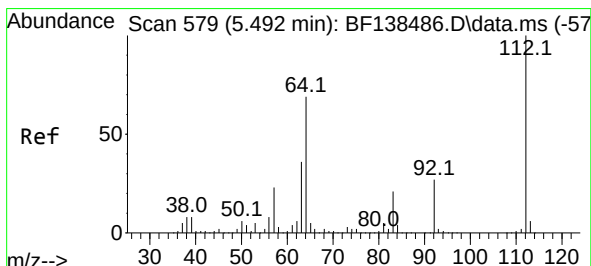
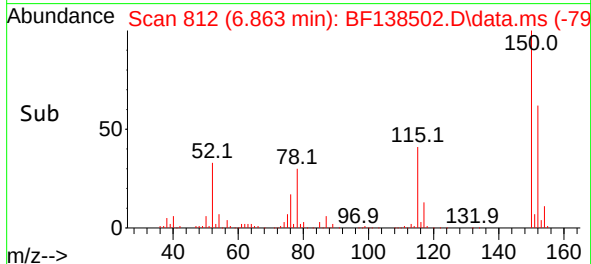
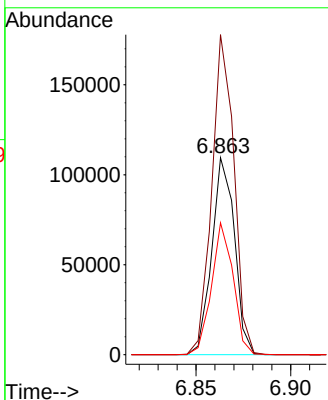
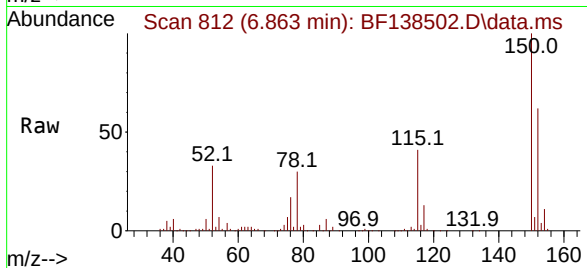




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

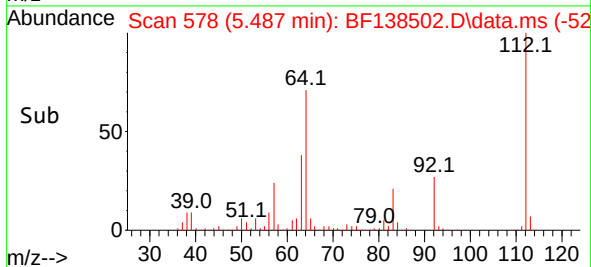
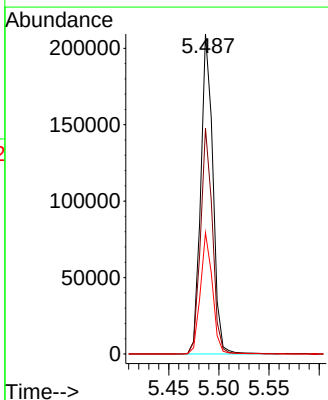
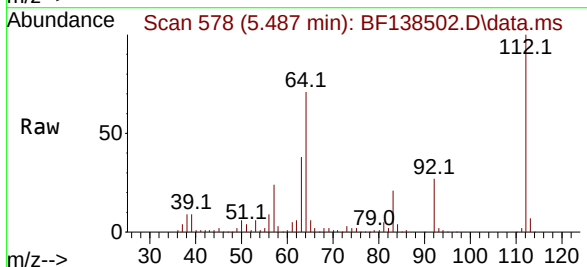
Instrument :
BNA_F
ClientSampleId :
EFF-WW

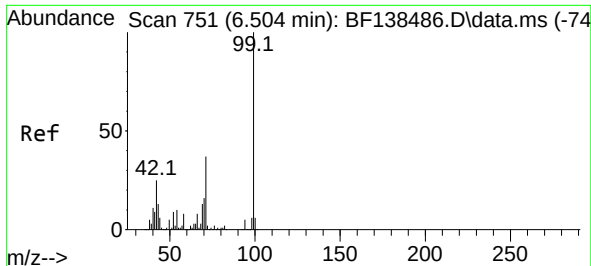
Tgt Ion:152 Resp: 91200
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.4
115 66.9 50.3 75.5



#5
2-Fluorophenol
Concen: 30.763 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion:112 Resp: 177148
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.9 29.0 43.6

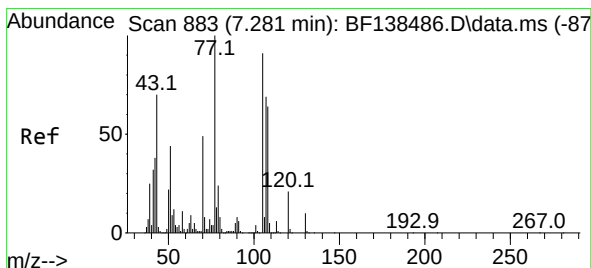
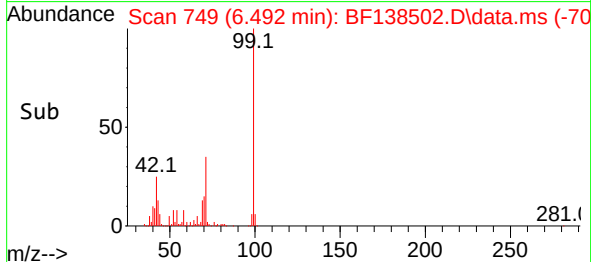
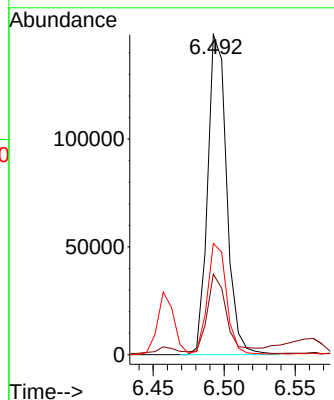
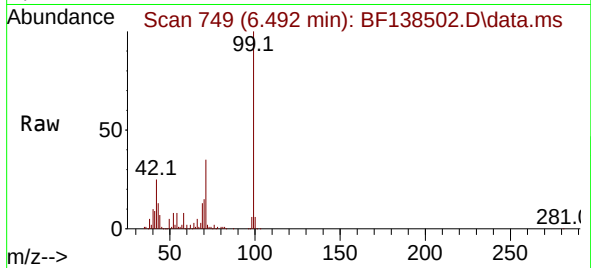




#7
Phenol-d6
Concen: 18.199 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

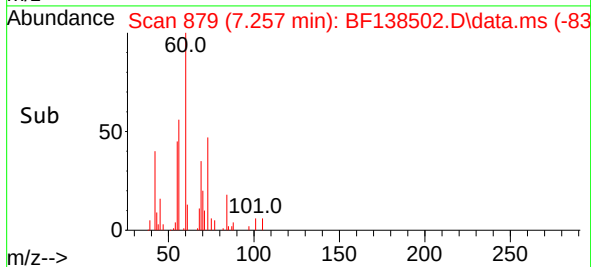
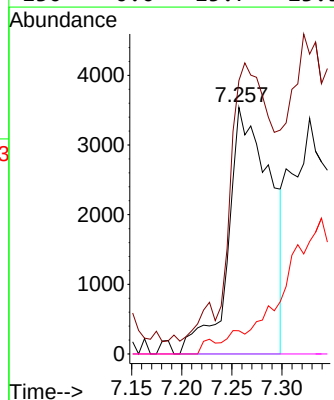
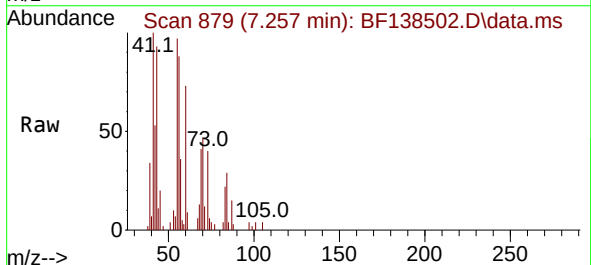
Instrument :
BNA_F
ClientSampleId :
EFF-WW

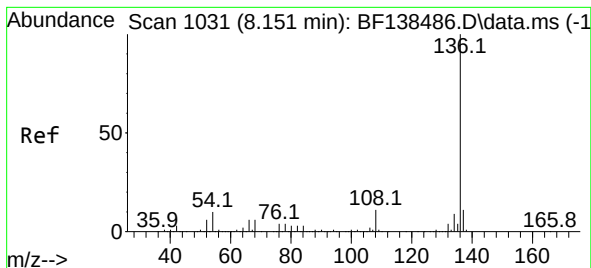
Tgt Ion: 99 Resp: 139413
Ion Ratio Lower Upper
99 100
42 25.2 19.7 29.5
71 34.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 2.197 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion: 70 Resp: 10398
Ion Ratio Lower Upper
70 100
42 110.9 62.4 93.6#
101 9.4 7.2 10.8
130 0.0 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion:136 Resp: 325424

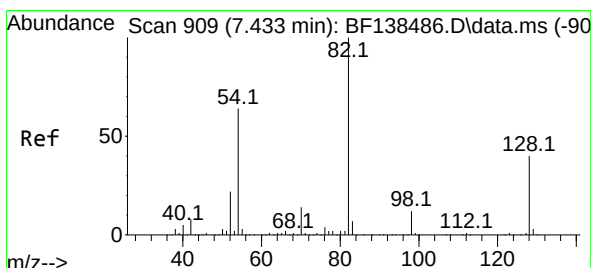
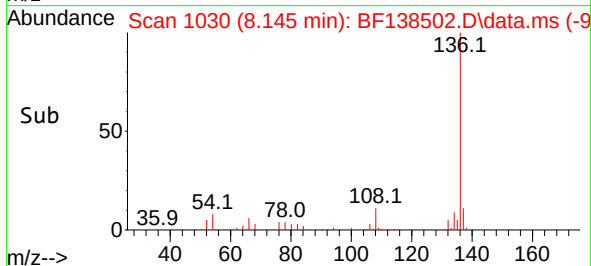
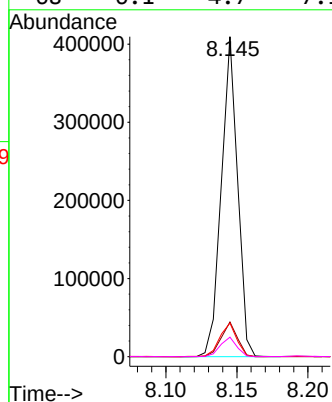
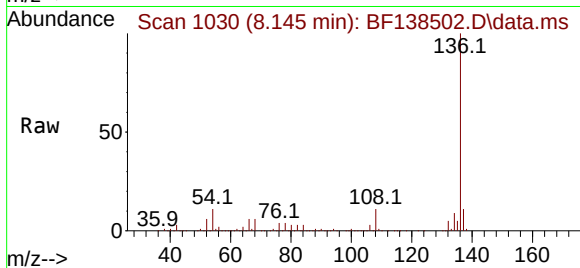
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.5 8.1 12.1

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 70.444 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

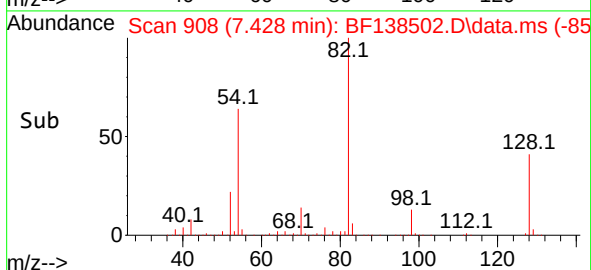
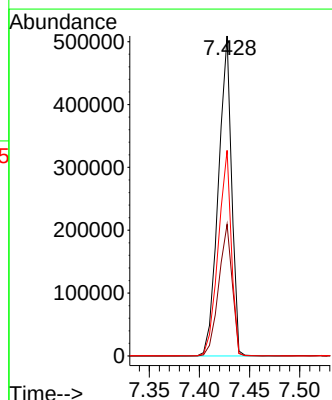
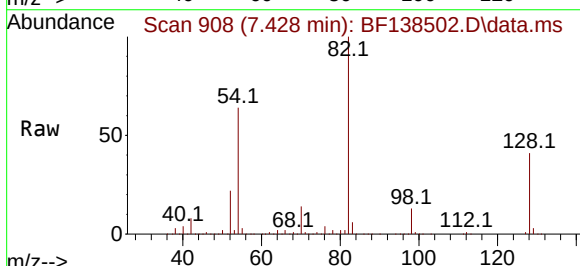
Tgt Ion: 82 Resp: 466912

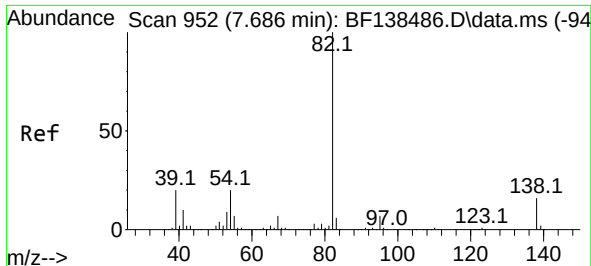
Ion Ratio Lower Upper

82 100

128 41.1 32.3 48.5

54 64.2 51.4 77.0





#25

Isophorone

Concen: 40.912 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.259 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

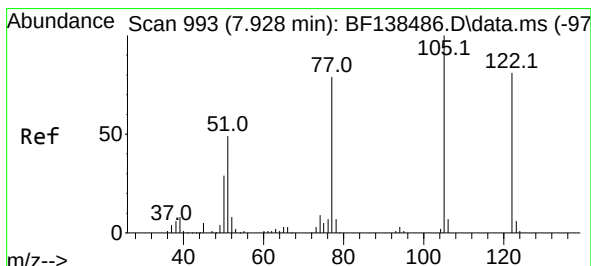
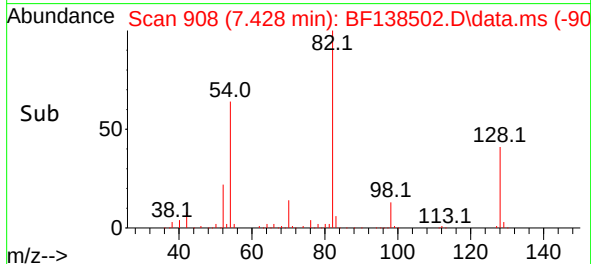
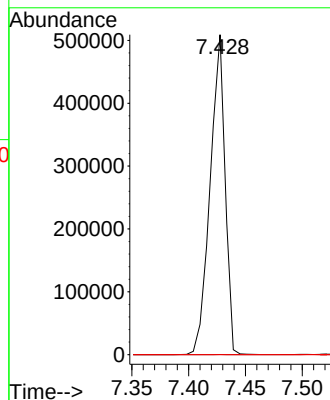
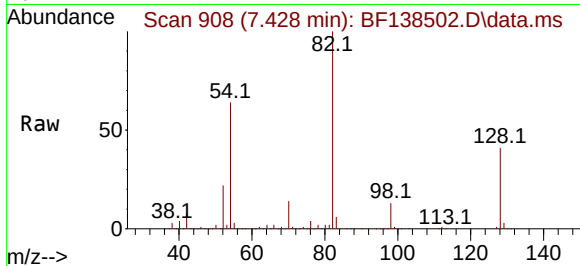
Tgt Ion: 82 Resp: 465680

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 12.8 19.2#



#32

Benzoic acid

Concen: 9.824 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.129 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

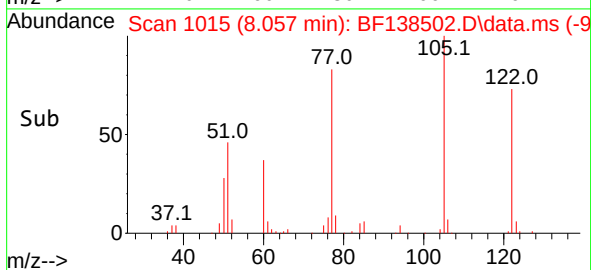
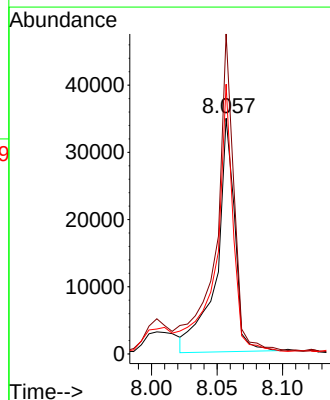
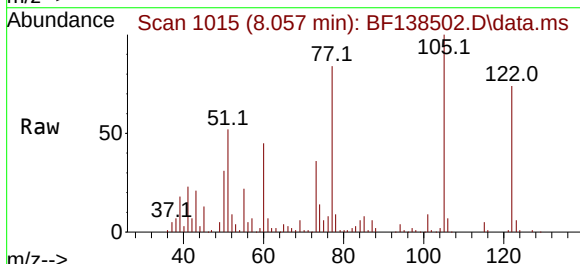
Tgt Ion:122 Resp: 33247

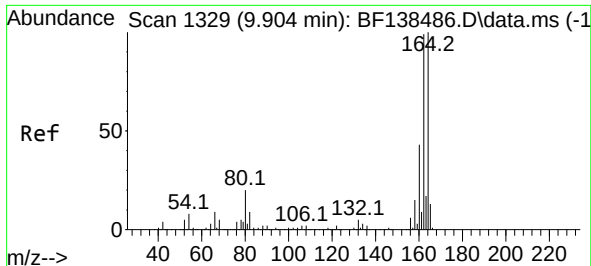
Ion Ratio Lower Upper

122 100

105 135.8 101.5 141.5

77 114.5 77.3 117.3

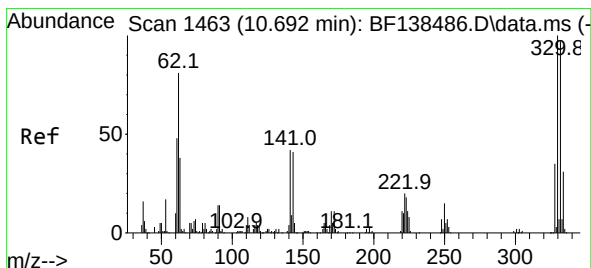
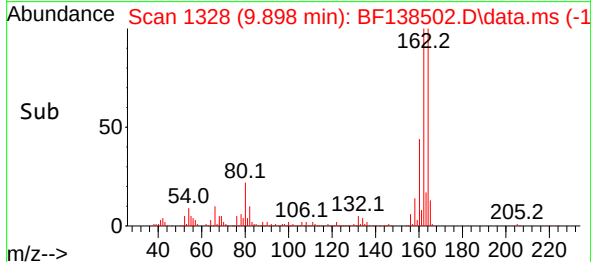
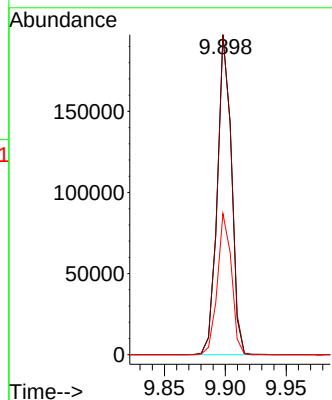
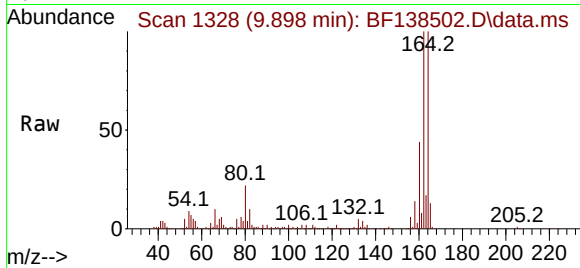




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

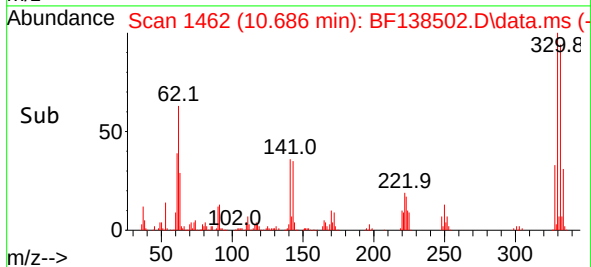
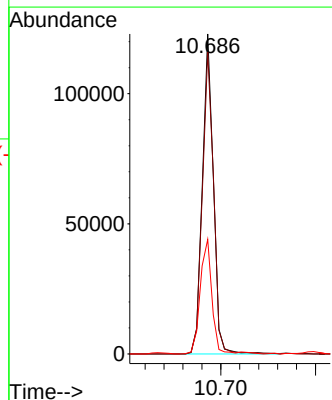
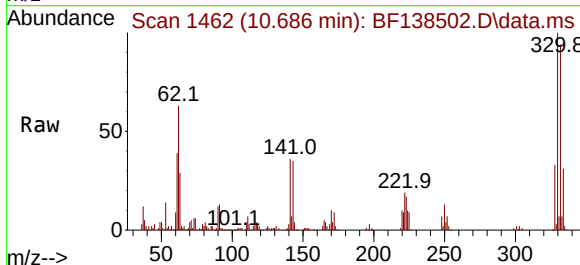
Instrument :
BNA_F
ClientSampleId :
EFF-WW

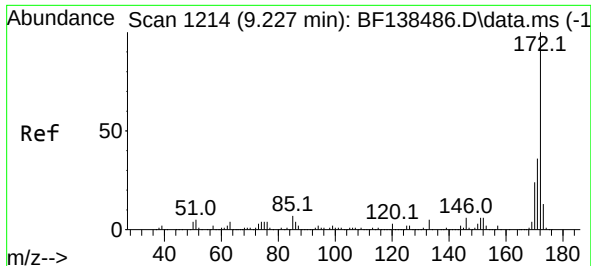
Tgt Ion:164 Resp: 158629
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 66.726 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138502.D
Acq: 10 Jul 2024 15:36

Tgt Ion:330 Resp: 98924
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 37.9 29.4 44.2





#45

2-Fluorobiphenyl

Concen: 74.269 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

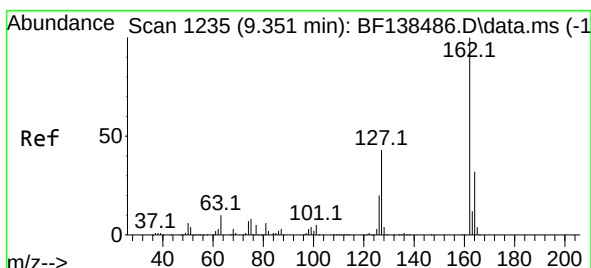
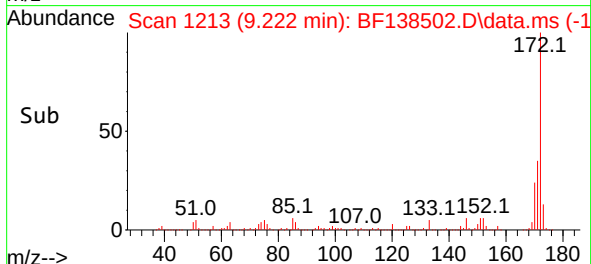
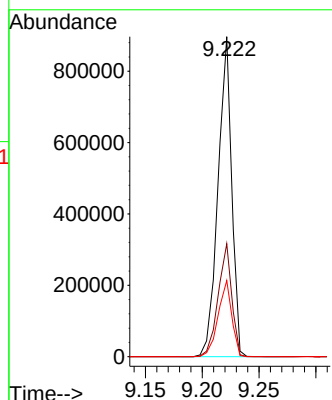
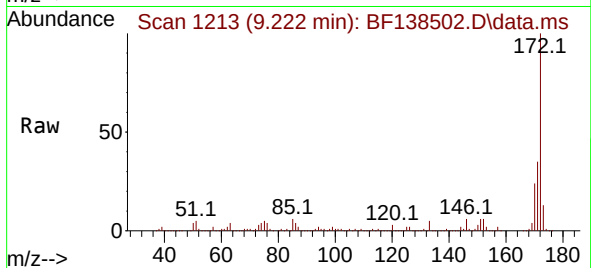
Tgt Ion:172 Resp: 753800

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.8 18.9 28.3



#47

2-Chloronaphthalene

Concen: 2.755 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.059 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

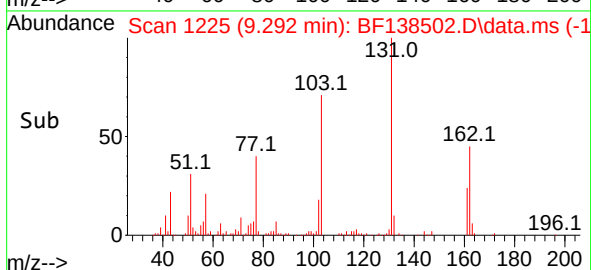
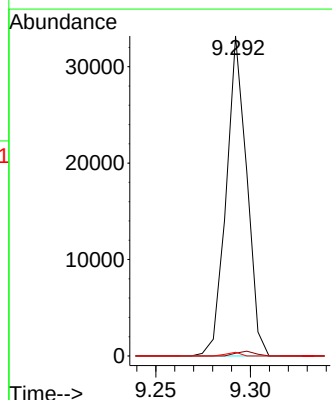
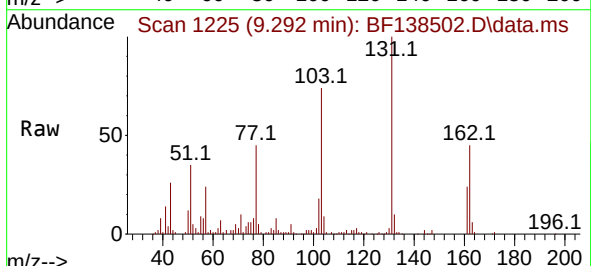
Tgt Ion:162 Resp: 25023

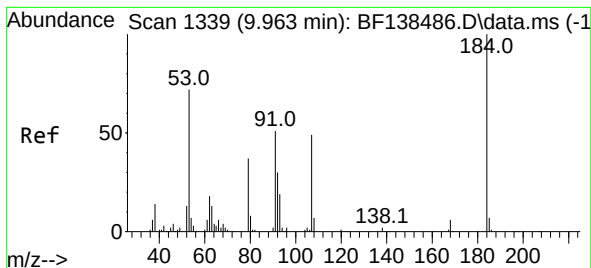
Ion Ratio Lower Upper

162 100

127 0.8 34.8 52.2#

164 1.1 25.6 38.4#





#54

2,4-Dinitrophenol

Concen: 4.941 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

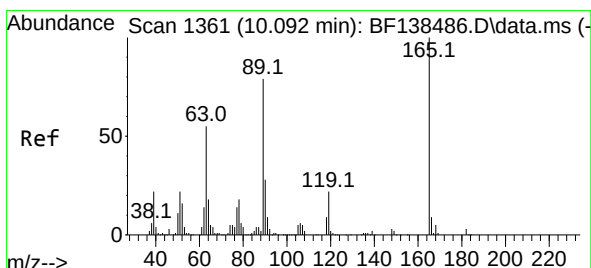
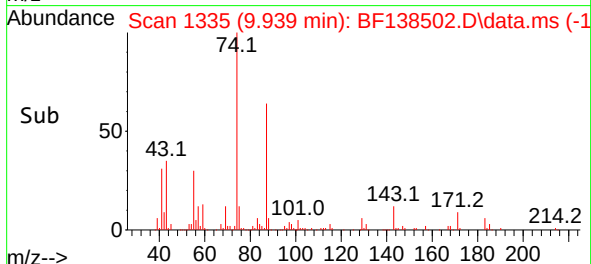
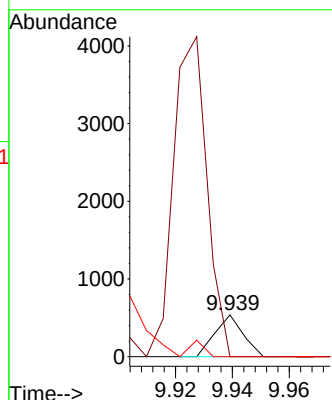
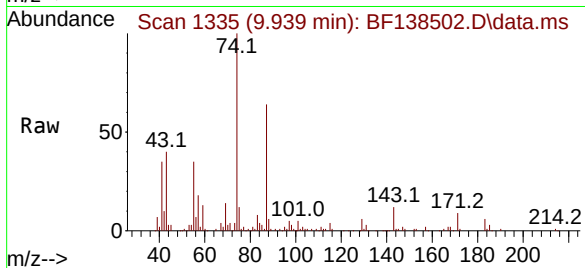
Tgt Ion:184 Resp: 368

Ion Ratio Lower Upper

184 100

63 0.0 70.6 106.0#

154 0.0 53.8 80.6#



#57

2,4-Dinitrotoluene

Concen: 6.918 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Tgt Ion:165 Resp: 21140

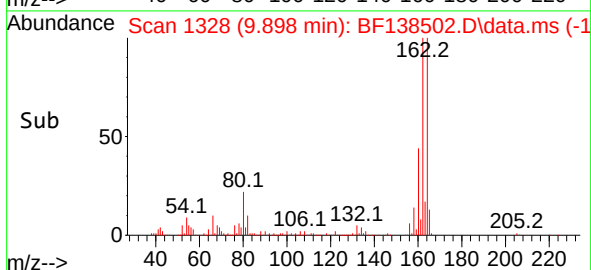
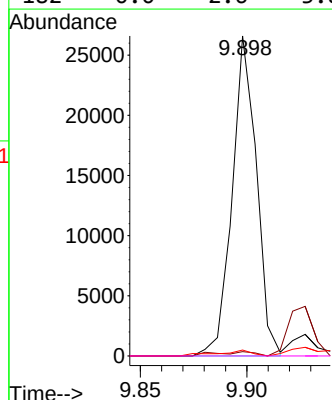
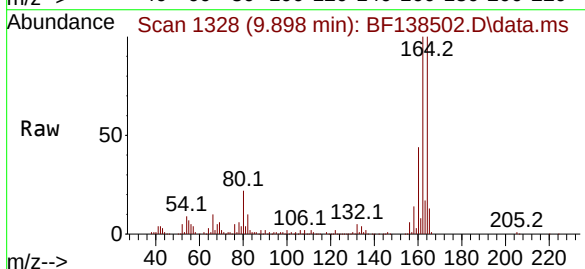
Ion Ratio Lower Upper

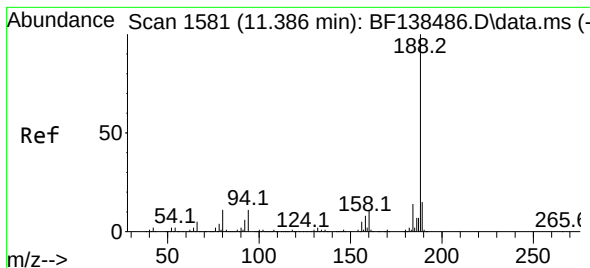
165 100

63 1.4 44.6 66.8#

89 1.8 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

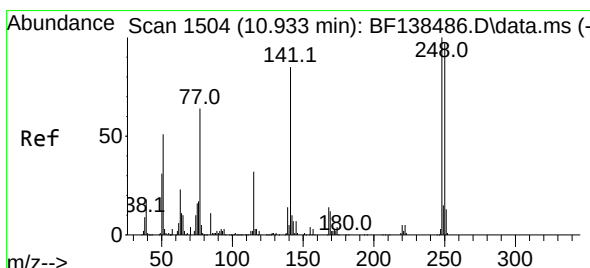
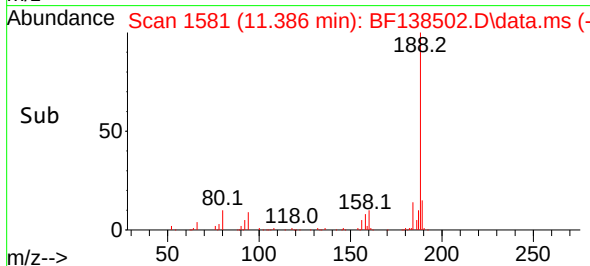
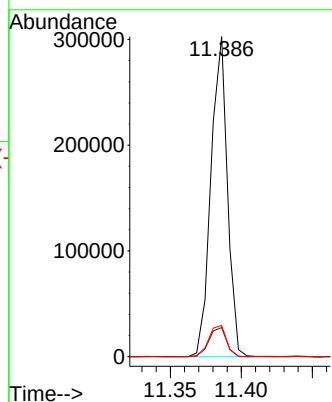
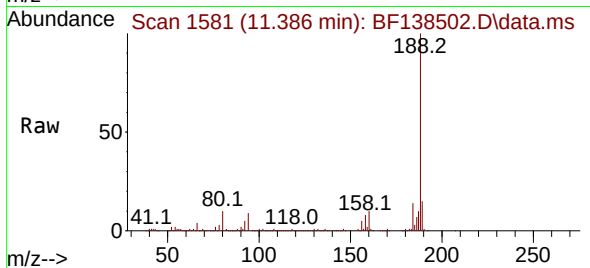
Tgt Ion:188 Resp: 244744

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

80 9.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.745 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

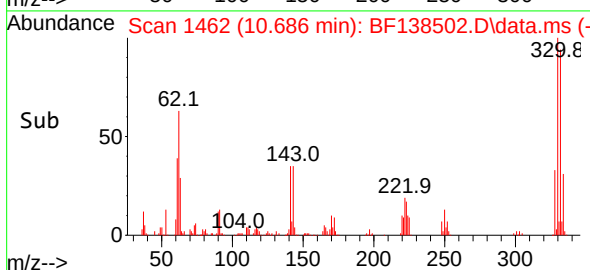
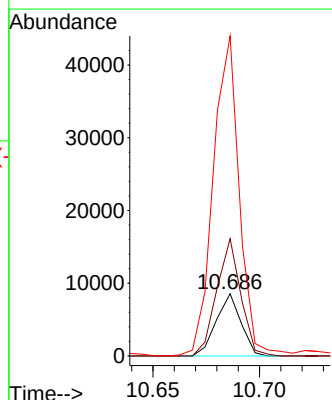
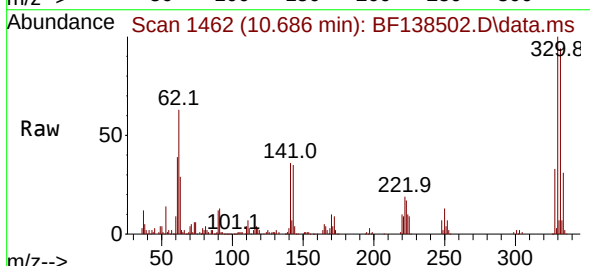
Tgt Ion:248 Resp: 6904

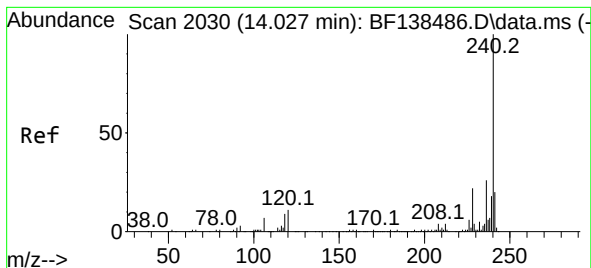
Ion Ratio Lower Upper

248 100

250 188.3 77.9 116.9#

141 513.5 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

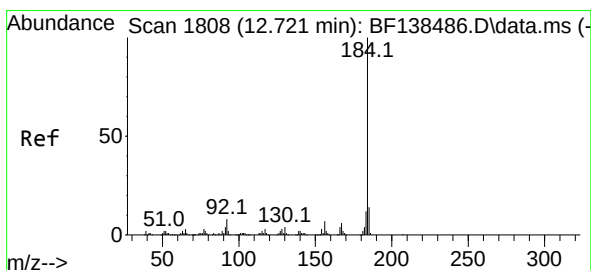
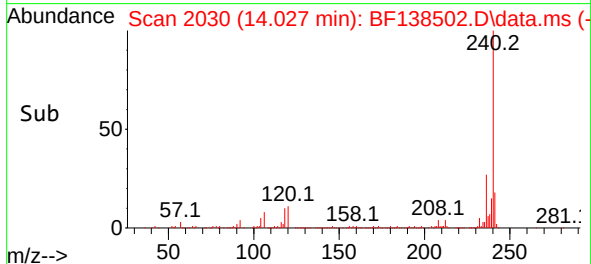
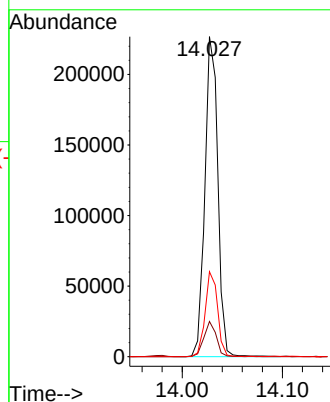
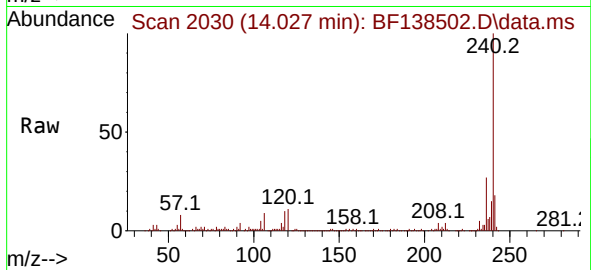
Tgt Ion:240 Resp: 204425

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 26.6 21.0 31.6



#77

Benzidine

Concen: 3.741 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.083 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

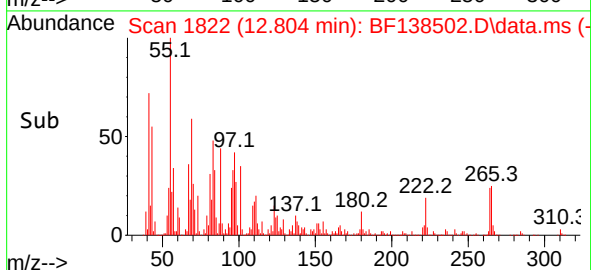
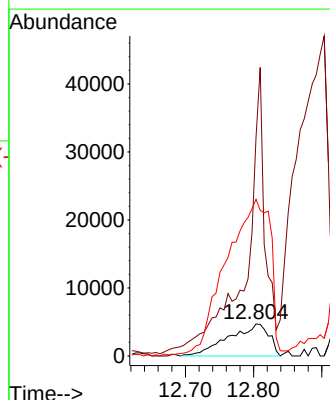
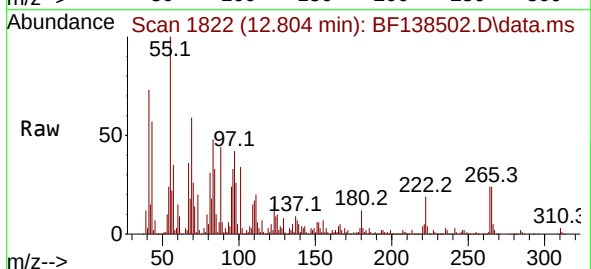
Tgt Ion:184 Resp: 19295

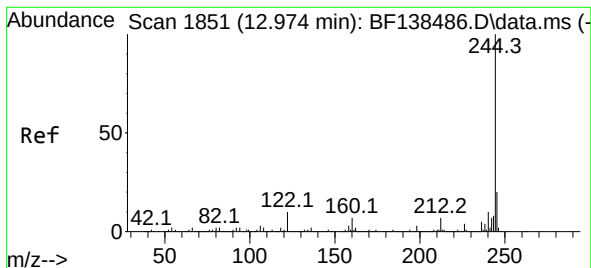
Ion Ratio Lower Upper

184 100

185 683.2 11.3 16.9#

183 488.7 9.5 14.3#





#79

Terphenyl-d14

Concen: 64.736 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.053 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Instrument :

BNA_F

ClientSampleId :

EFF-WW

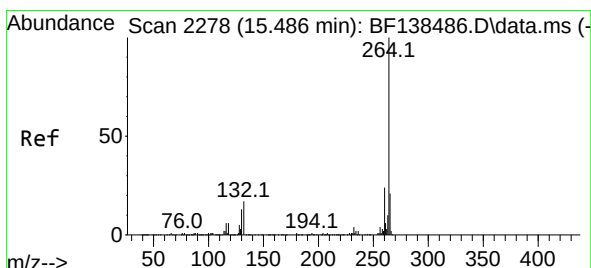
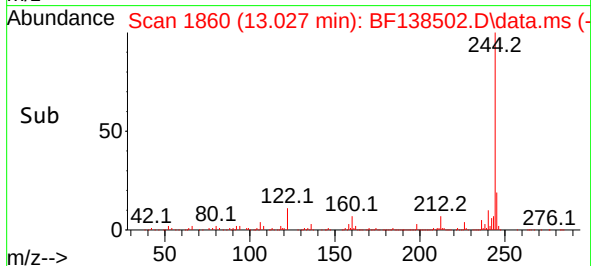
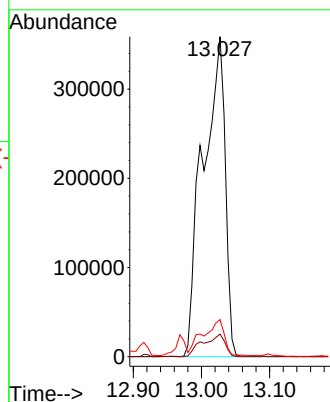
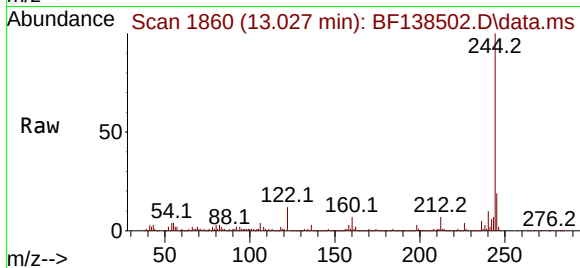
Tgt Ion:244 Resp: 812326

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.6 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF138502.D

Acq: 10 Jul 2024 15:36

Tgt Ion:264 Resp: 217314

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 20.6 17.0 25.4

