

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130471.D
 Acq On : 29 Sep 2022 17:33
 Operator : CG\JU
 Sample : N4860-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Sep 30 03:08:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

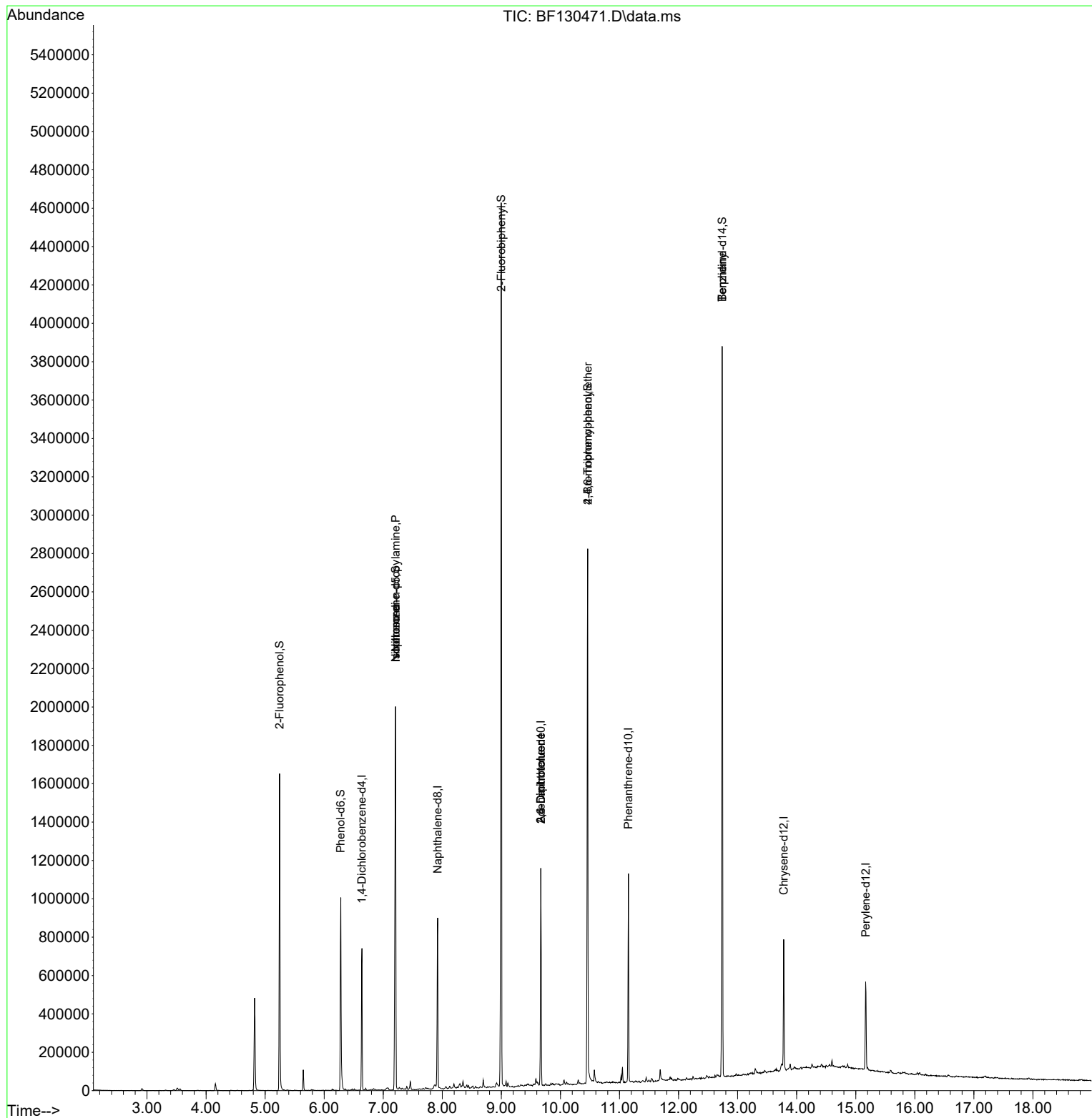
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	111304	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	424824	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	220594	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	353230	20.000	ng	0.00
76) Chrysene-d12	13.780	240	200980	20.000	ng	-0.01
86) Perylene-d12	15.168	264	195427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	436702	68.052	ng	0.00
7) Phenol-d6	6.281	99	336435	41.900	ng	-0.01
23) Nitrobenzene-d5	7.210	82	733258	88.180	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	362472	171.486	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1455425	96.076	ng	-0.01
79) Terphenyl-d14	12.739	244	1351142	111.362	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.210	70	101380	18.711	ng	# 73
25) Isophorone	7.210	82	726954	54.240	ng	# 66
51) 2,6-Dinitrotoluene	9.669	165	28812	9.041	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	28812	7.074	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	21781	5.590	ng	# 1
77) Benzidine	12.739	184	18707	3.206	ng	# 92

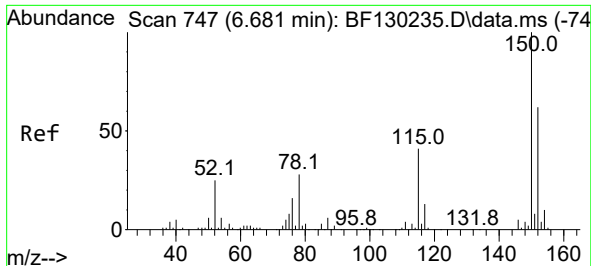
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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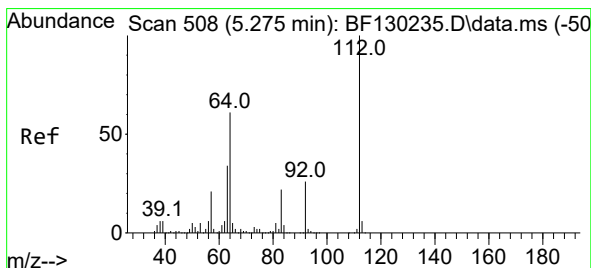
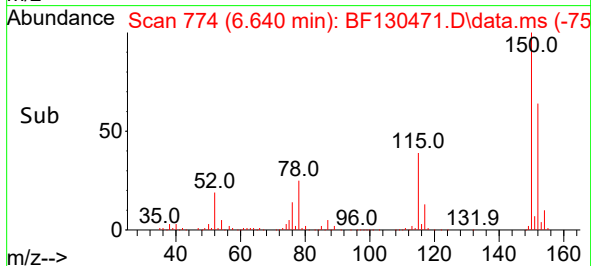
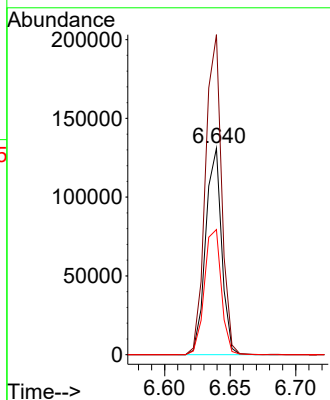
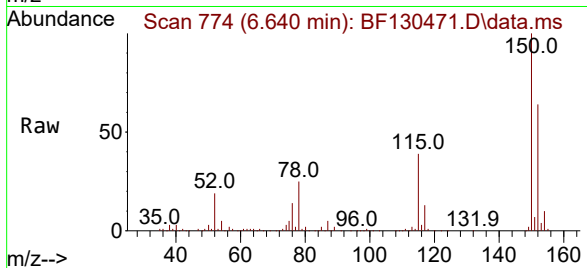




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

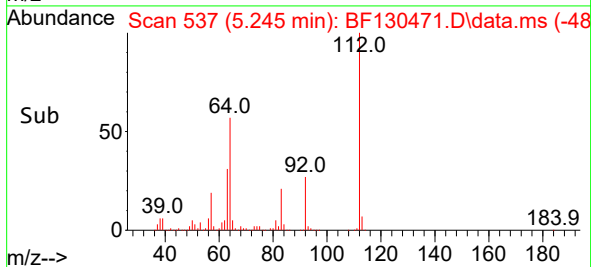
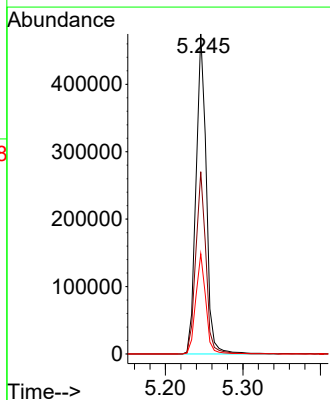
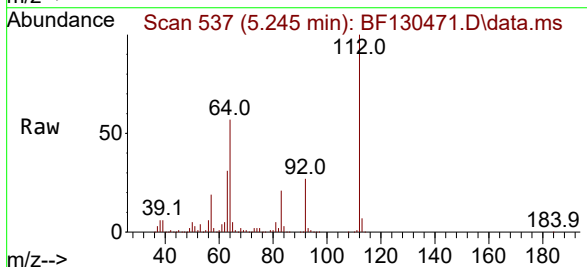
Instrument :
BNA_F
ClientSampleId :
MW-04

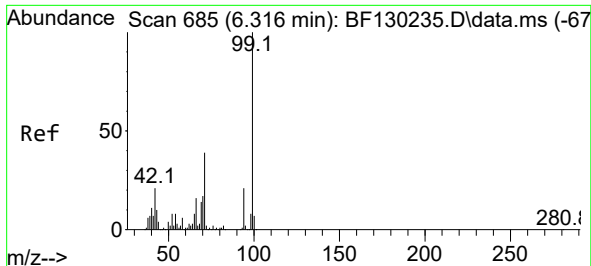
Tgt Ion:152 Resp: 111304
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 60.7 53.8 80.8



#5
2-Fluorophenol
Concen: 68.052 ng
RT: 5.245 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion:112 Resp: 436702
Ion Ratio Lower Upper
112 100
64 57.0 51.4 77.0
63 31.3 28.8 43.2

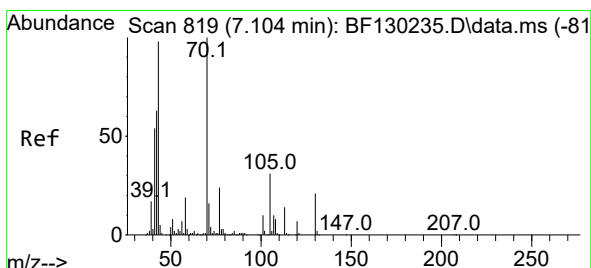
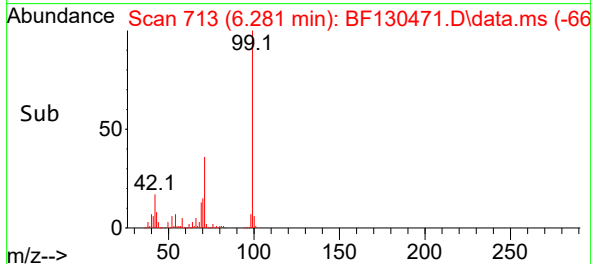
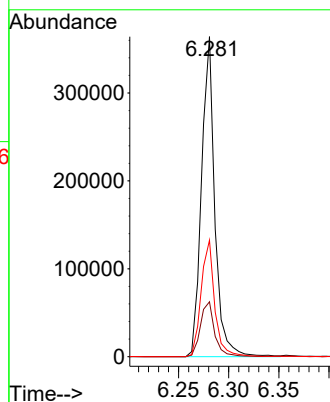
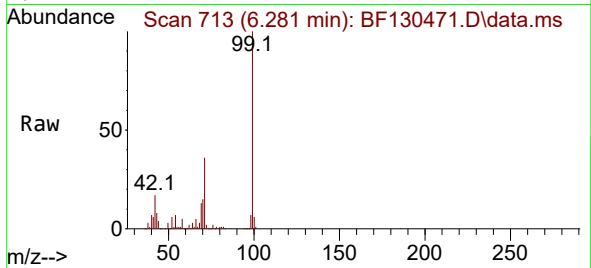




#7
Phenol-d6
Concen: 41.900 ng
RT: 6.281 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

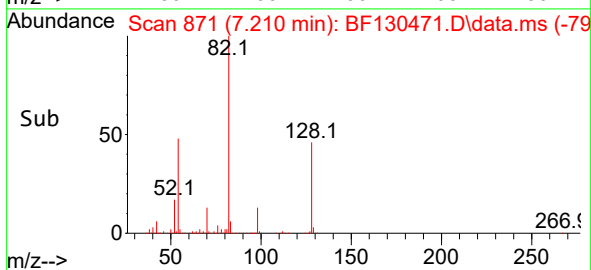
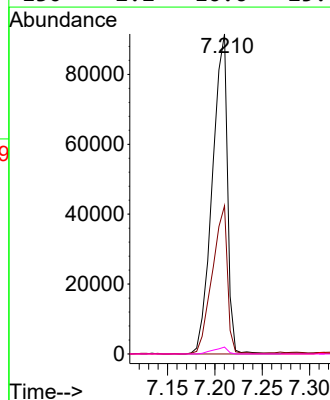
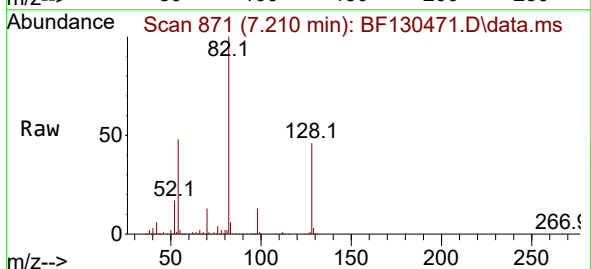
Instrument :
BNA_F
ClientSampleId :
MW-04

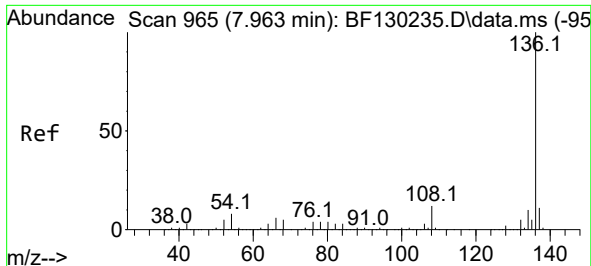
Tgt Ion: 99 Resp: 336435
Ion Ratio Lower Upper
99 100
42 17.2 17.0 25.6
71 36.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.711 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion: 70 Resp: 101380
Ion Ratio Lower Upper
70 100
42 46.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

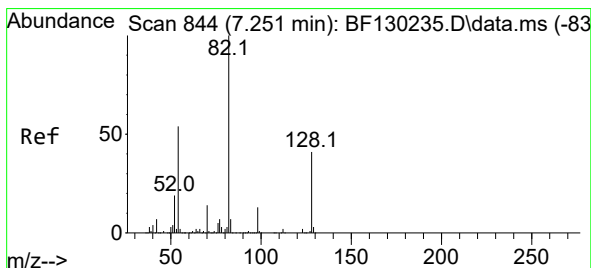
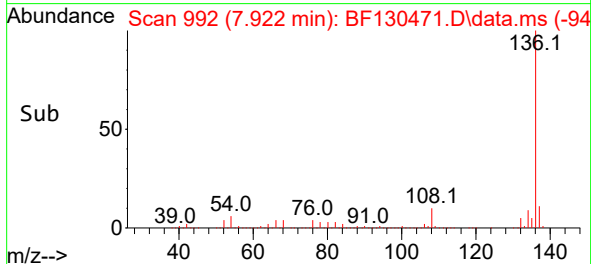
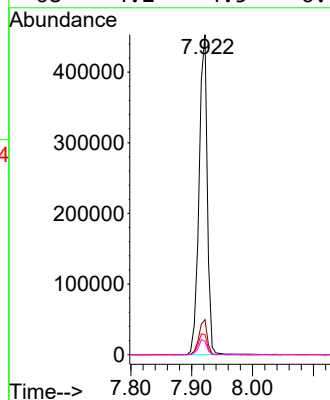
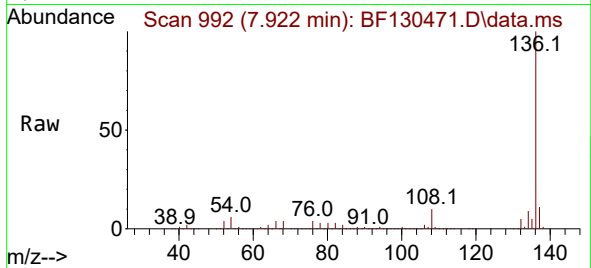




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

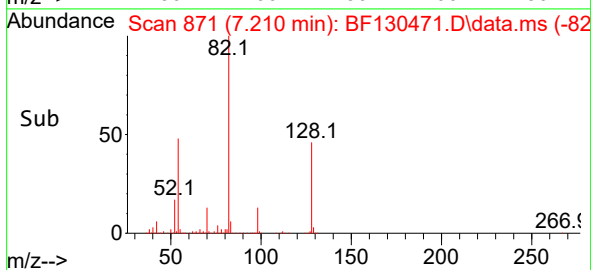
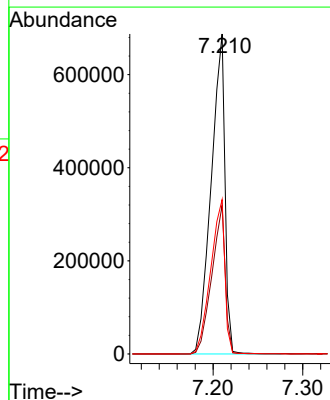
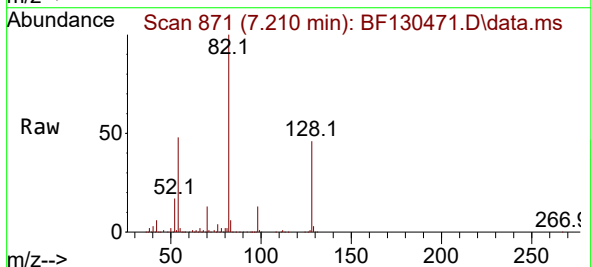
Instrument :
BNA_F
ClientSampleId :
MW-04

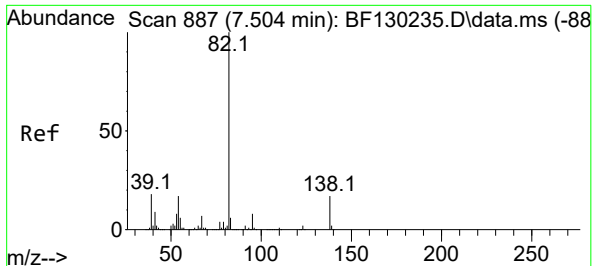
Tgt Ion:136 Resp: 424824
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.3 7.1 10.7#
68 4.2 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 88.180 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion: 82 Resp: 733258
Ion Ratio Lower Upper
82 100
128 46.5 32.6 49.0
54 48.3 43.8 65.6

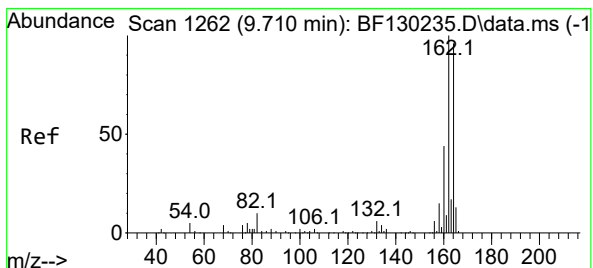
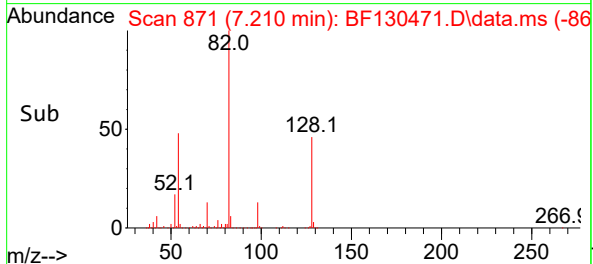
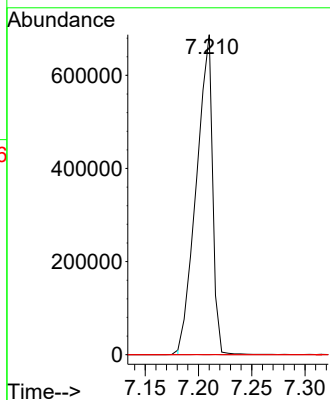
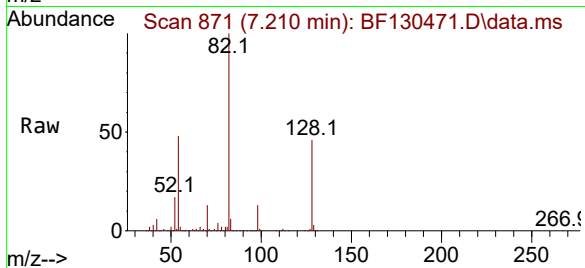




#25
Isophorone
Concen: 54.240 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

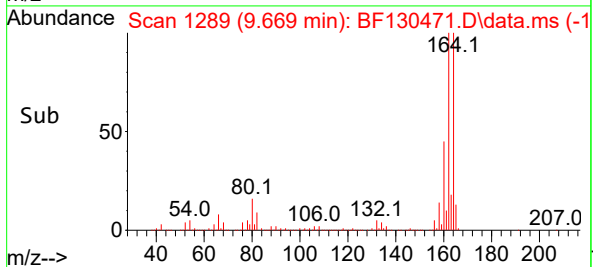
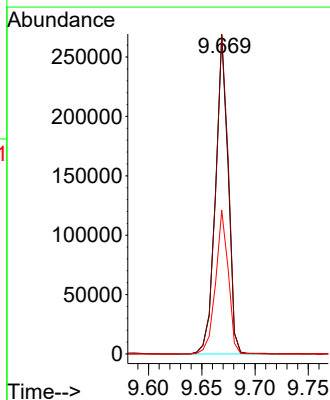
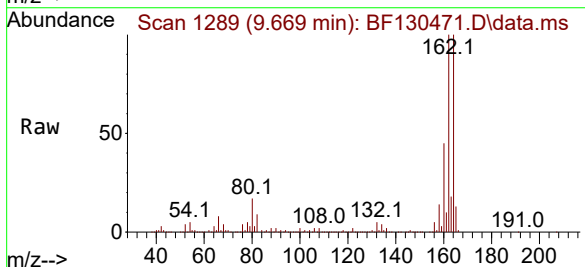
Instrument :
BNA_F
ClientSampleId :
MW-04

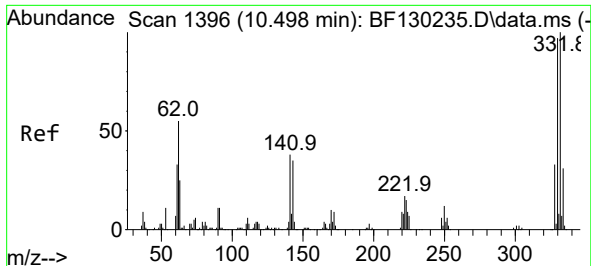
Tgt Ion: 82 Resp: 726954
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion:164 Resp: 220594
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 171.486 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

Instrument :

BNA_F

ClientSampleId :

MW-04

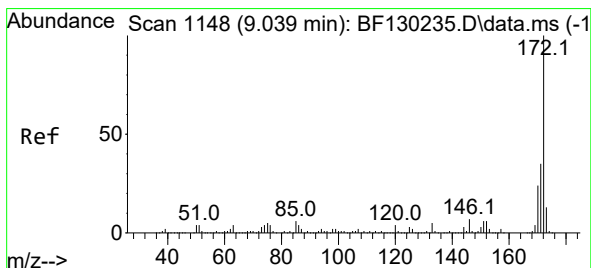
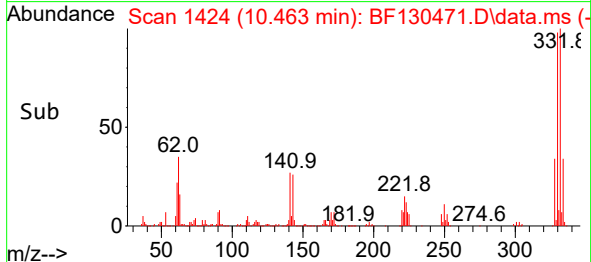
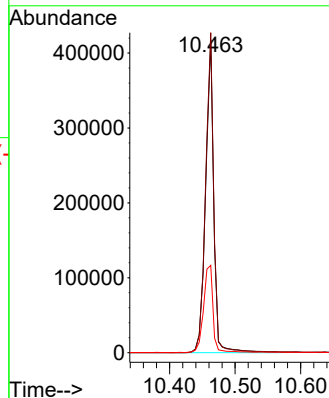
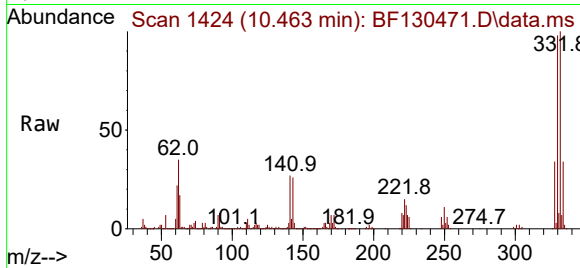
Tgt Ion:330 Resp: 362472

Ion Ratio Lower Upper

330 100

332 103.1 83.4 125.2

141 32.9 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 96.076 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

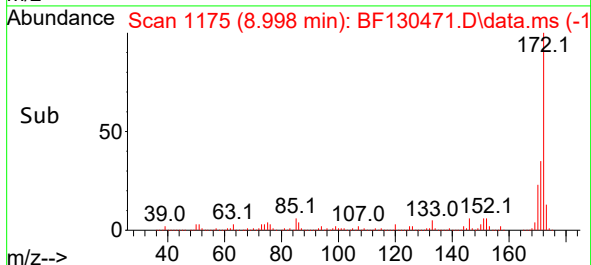
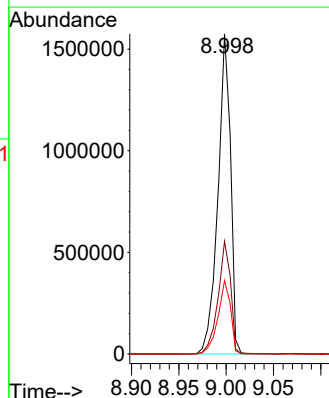
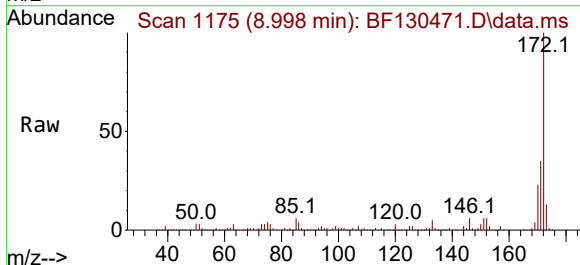
Tgt Ion:172 Resp: 1455425

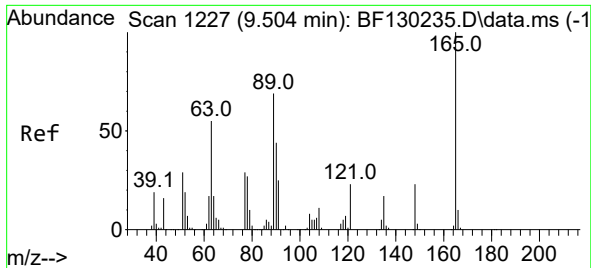
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.0 18.7 28.1

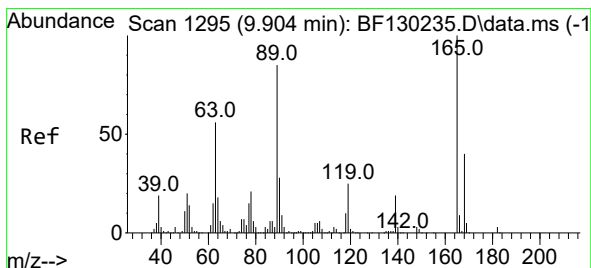
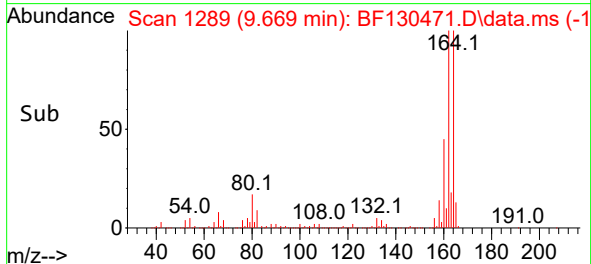
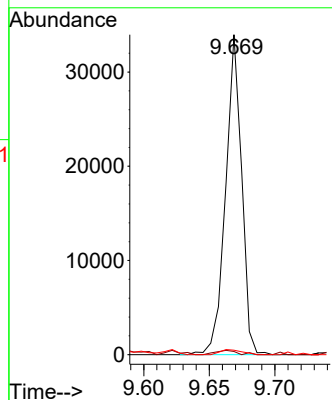
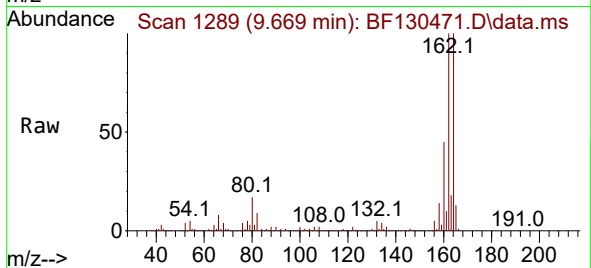




#51
2,6-Dinitrotoluene
Concen: 9.041 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

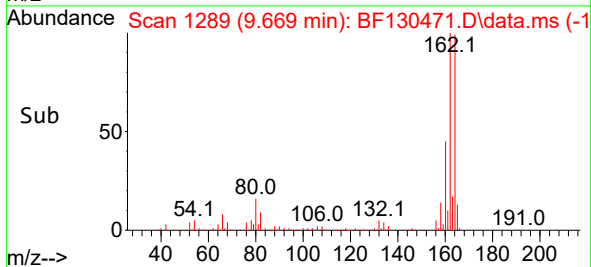
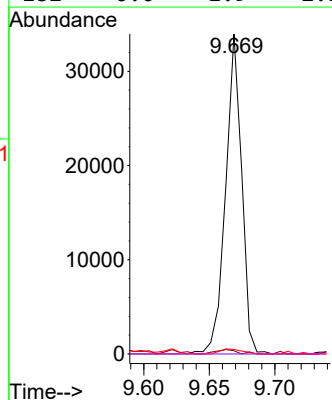
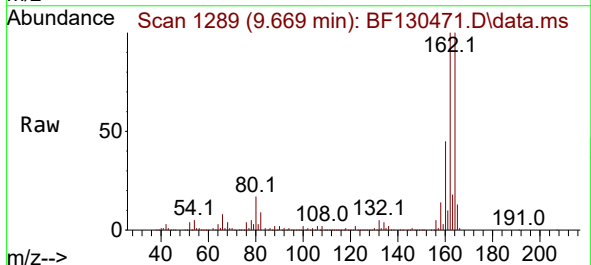
Instrument :
BNA_F
ClientSampleId :
MW-04

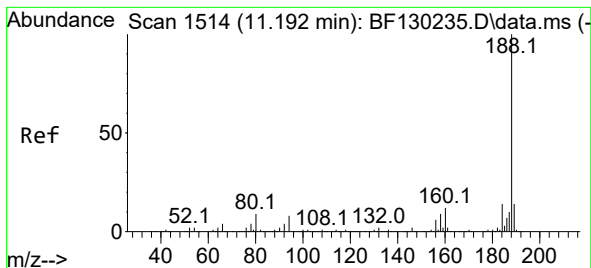
Tgt Ion:165 Resp: 28812
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.4 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.074 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130471.D
Acq: 29 Sep 2022 17:33

Tgt Ion:165 Resp: 28812
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

Instrument :

BNA_F

ClientSampleId :

MW-04

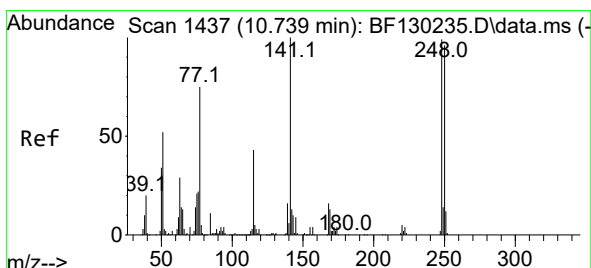
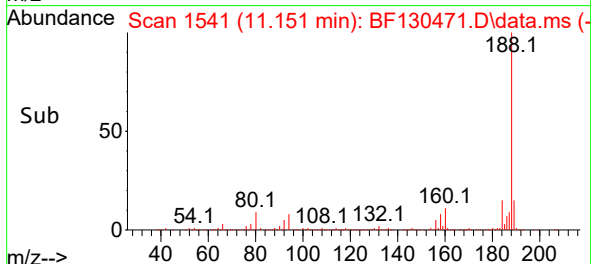
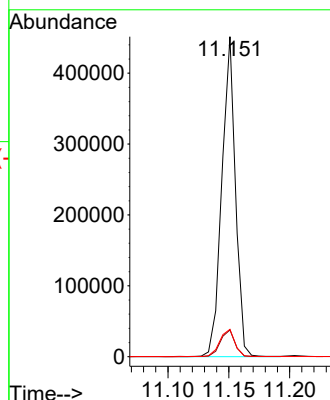
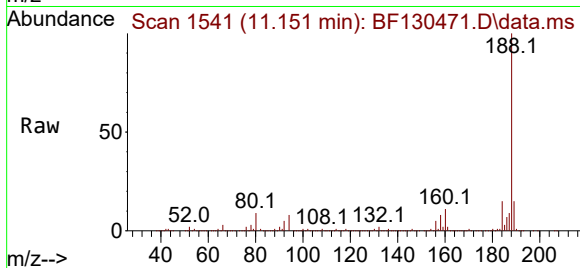
Tgt Ion:188 Resp: 353230

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 8.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.590 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

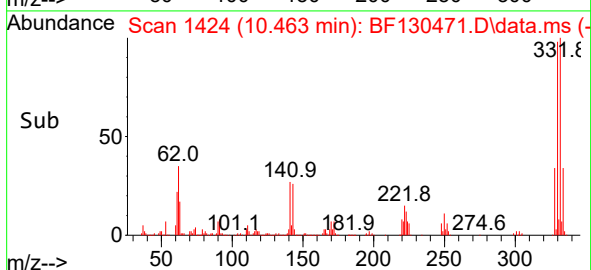
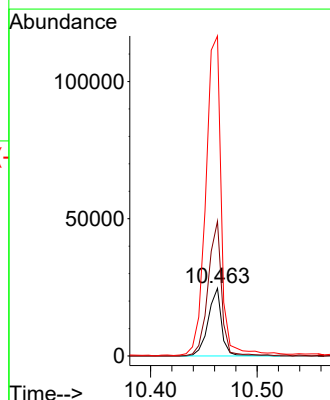
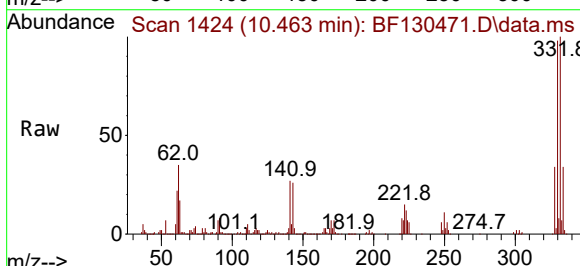
Tgt Ion:248 Resp: 21781

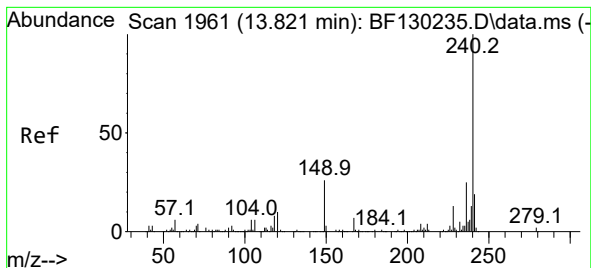
Ion Ratio Lower Upper

248 100

250 199.1 80.0 120.0#

141 472.6 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1811

Delta R.T. -0.012 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

Instrument :

BNA_F

ClientSampleId :

MW-04

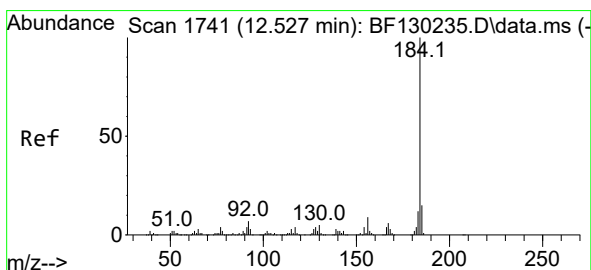
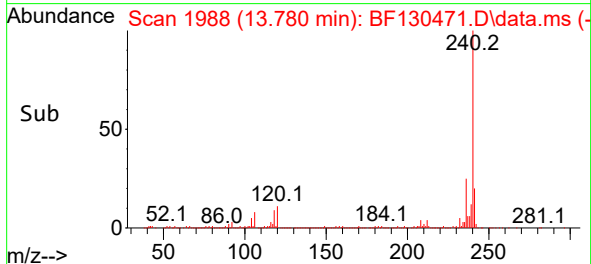
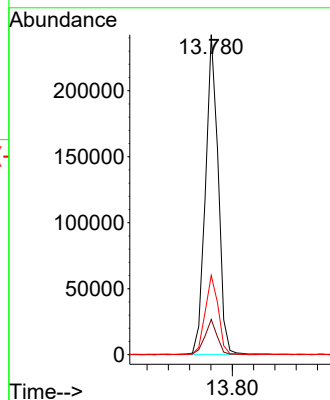
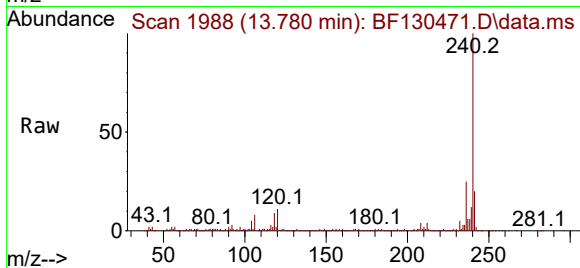
Tgt Ion:240 Resp: 200980

Ion Ratio Lower Upper

240 100

120 11.0 8.7 13.1

236 24.7 20.9 31.3



#77

Benzidine

Concen: 3.206 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.241 min

Lab File: BF130471.D

Acq: 29 Sep 2022 17:33

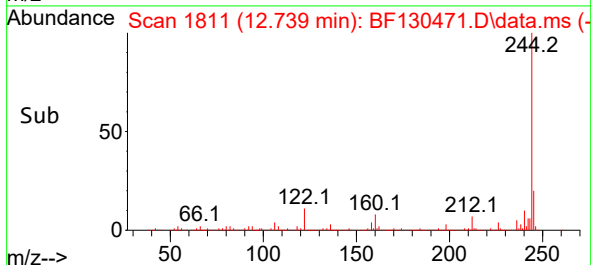
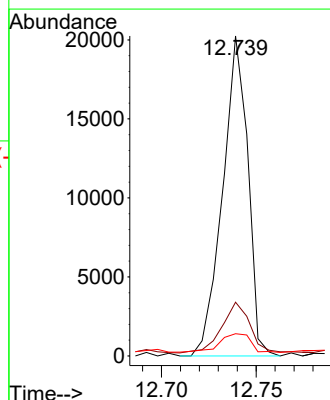
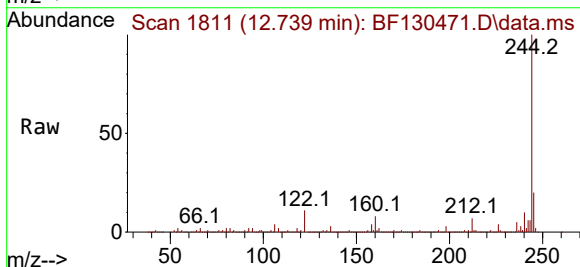
Tgt Ion:184 Resp: 18707

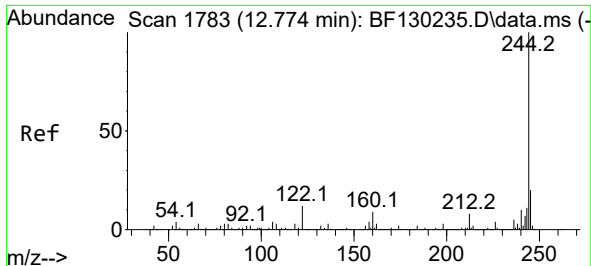
Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.6

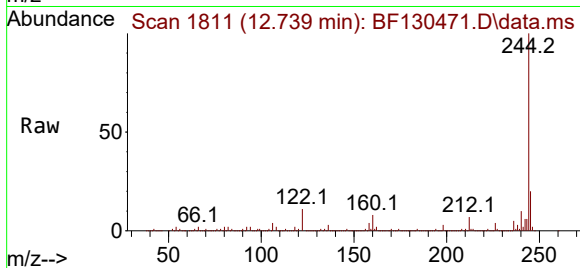
183 6.9 9.1 13.7#



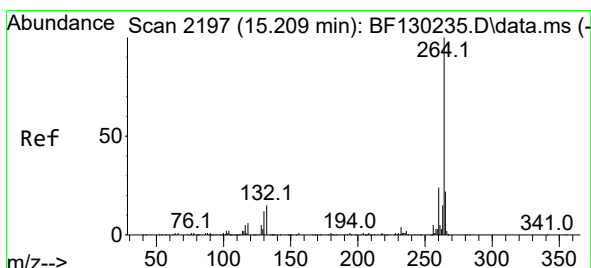
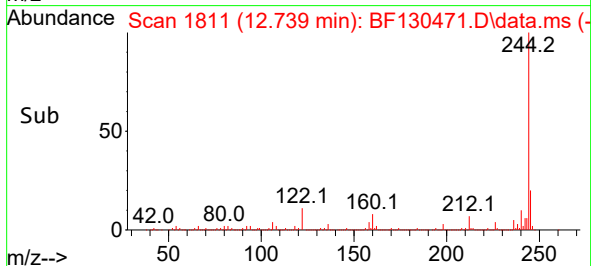
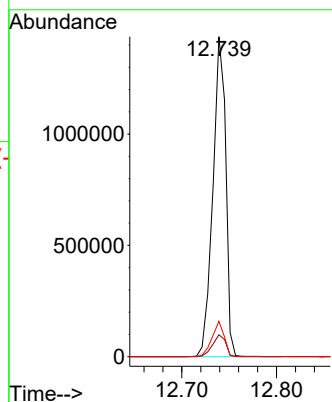


#79
 Terphenyl-d14
 Concen: 111.362 ng
 RT: 12.739 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130471.D
 Acq: 29 Sep 2022 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-04



Tgt Ion:244 Resp: 1351142
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130471.D
 Acq: 29 Sep 2022 17:33

Tgt Ion:264 Resp: 195427
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.0 25.4

