

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130608.D
 Acq On : 10 Oct 2022 17:57
 Operator : CG\JU
 Sample : N5033-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-1DL

Quant Time: Oct 11 03:26:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

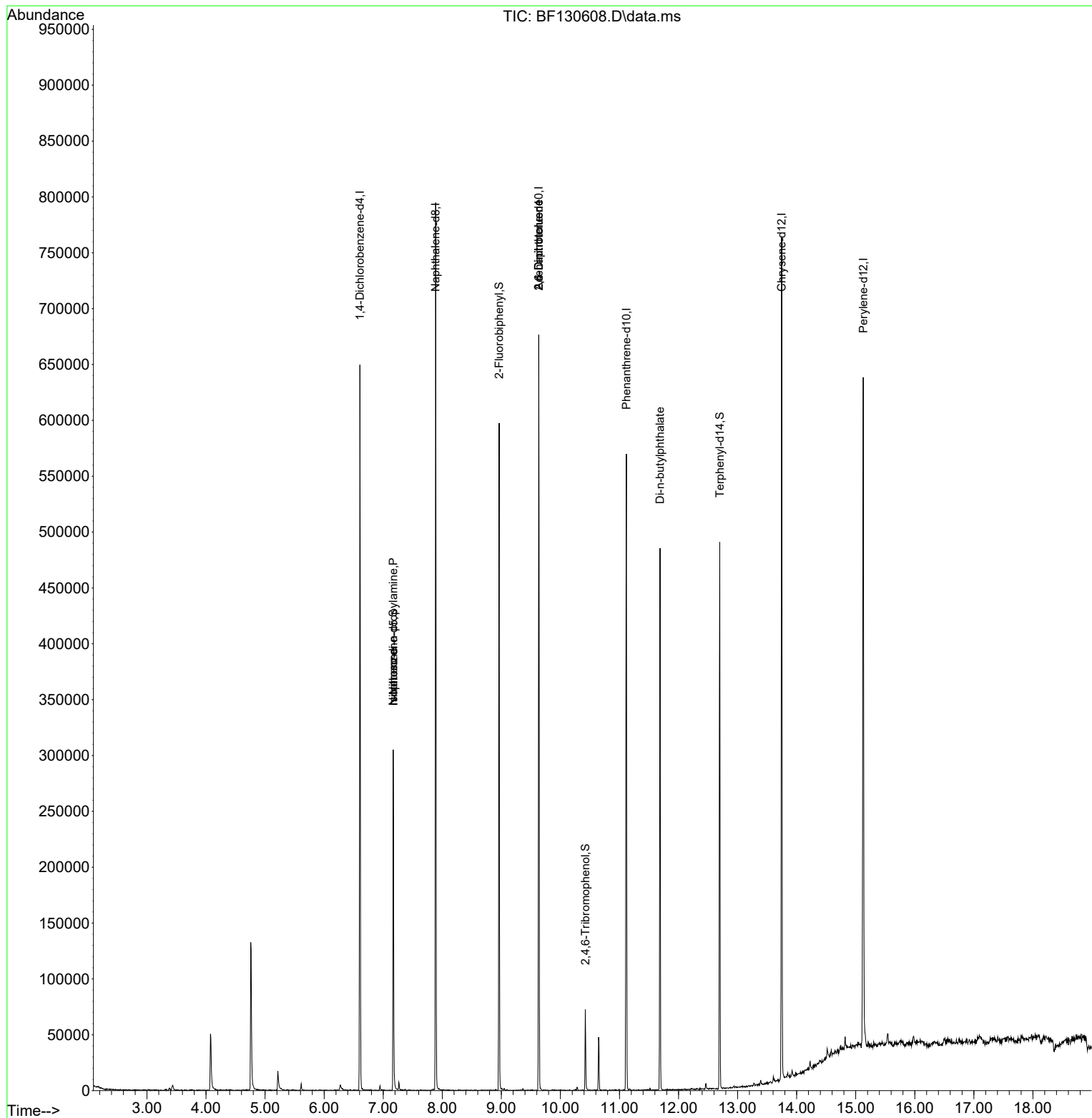
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	88981	20.000	ng	0.00
21) Naphthalene-d8	7.887	136	302207	20.000	ng	0.00
39) Acenaphthene-d10	9.634	164	127993	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	196908	20.000	ng	0.00
76) Chrysene-d12	13.745	240	232395	20.000	ng	0.00
86) Perylene-d12	15.127	264	233916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	8531	1.663	ng	0.01
7) Phenol-d6	6.275	99	3043	0.474	ng	0.02
23) Nitrobenzene-d5	7.169	82	87495	14.791	ng	-0.01
42) 2,4,6-Tribromophenol	10.422	330	8271	6.744	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	157118	17.875	ng	0.00
79) Terphenyl-d14	12.698	244	153097	10.913	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.169	70	11368	2.625	ng	# 74
25) Isophorone	7.169	82	87494	9.177	ng	# 66
51) 2,6-Dinitrotoluene	9.634	165	16716	9.040	ng	# 16
57) 2,4-Dinitrotoluene	9.634	165	16716	7.074	ng	# 16
74) Di-n-butylphthalate	11.686	149	218122	18.787	ng	99

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

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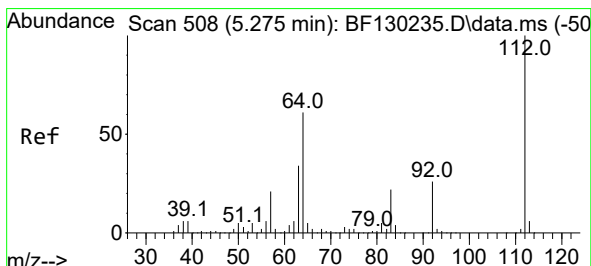
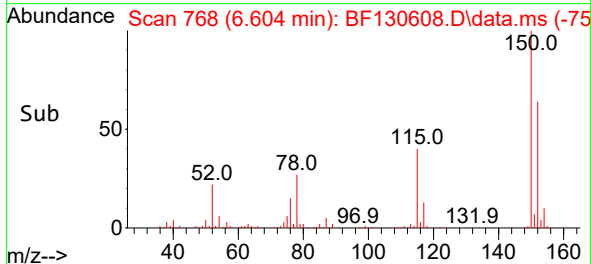
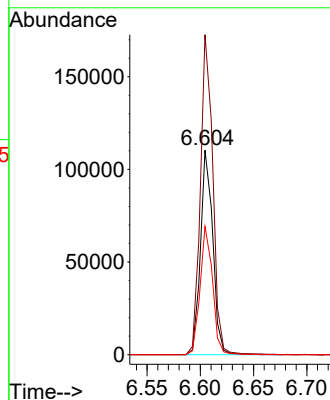
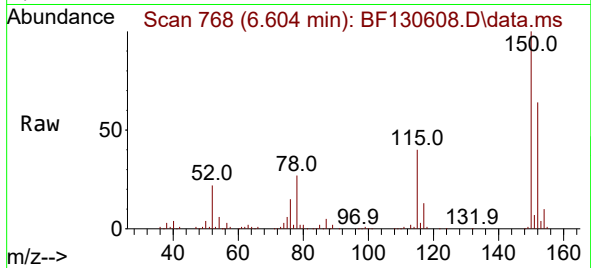




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

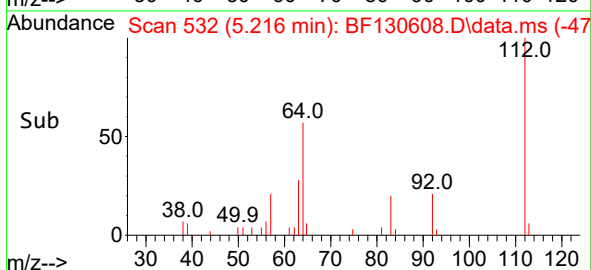
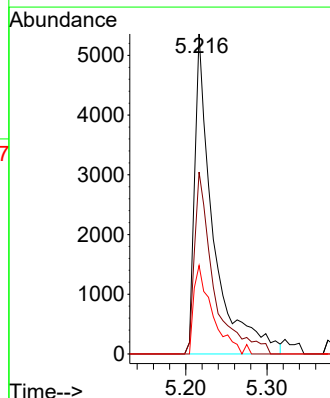
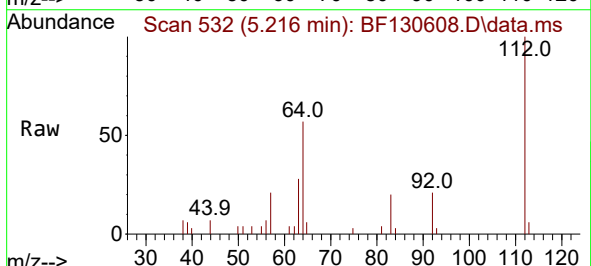
Instrument :
BNA_F
ClientSampleId :
596C-1DL

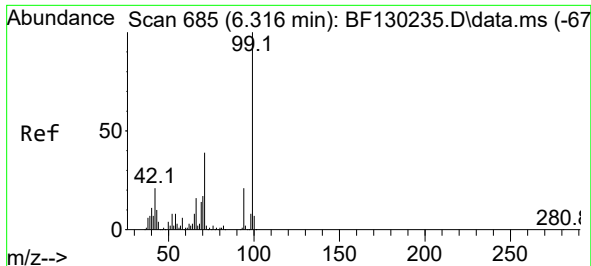
Tgt Ion:152 Resp: 88981
Ion Ratio Lower Upper
152 100
150 156.5 122.8 184.2
115 62.7 53.8 80.8



#5
2-Fluorophenol
Concen: 1.663 ng
RT: 5.216 min Scan# 532
Delta R.T. 0.012 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion:112 Resp: 8531
Ion Ratio Lower Upper
112 100
64 56.9 51.4 77.0
63 27.7 28.8 43.2#

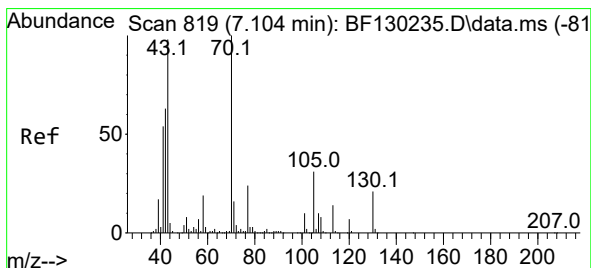
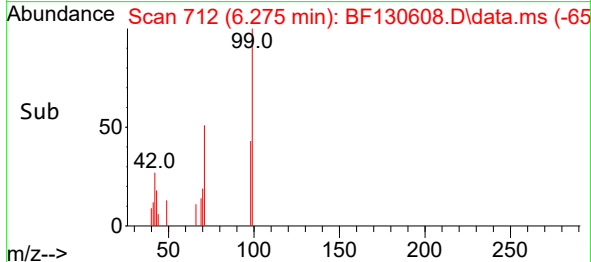
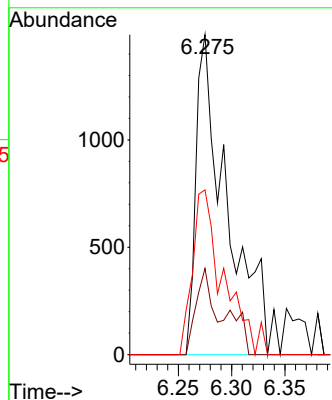
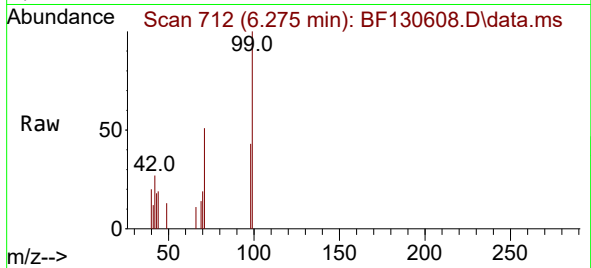




#7
Phenol-d6
Concen: 0.474 ng
RT: 6.275 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

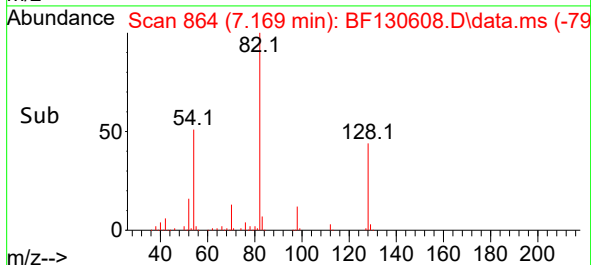
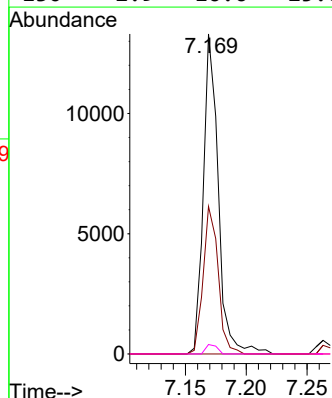
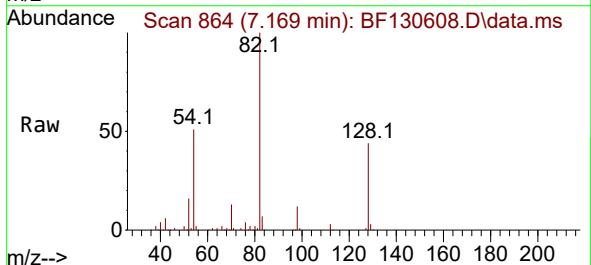
Instrument :
BNA_F
ClientSampleId :
596C-1DL

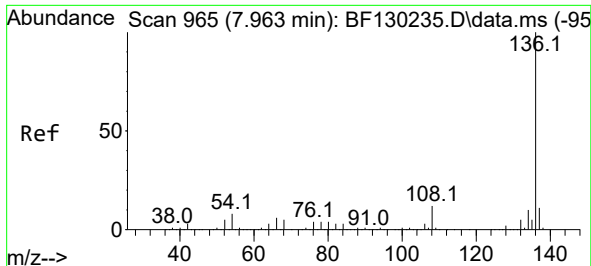
Tgt Ion: 99 Resp: 3043
Ion Ratio Lower Upper
99 100
42 26.9 17.0 25.6#
71 51.5 32.3 48.5#



#19
n-Nitroso-di-n-propylamine
Concen: 2.625 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion: 70 Resp: 11368
Ion Ratio Lower Upper
70 100
42 46.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.9 16.6 25.0#

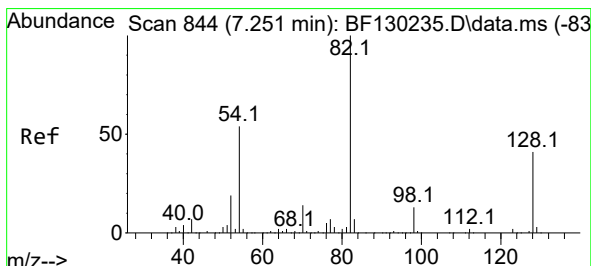
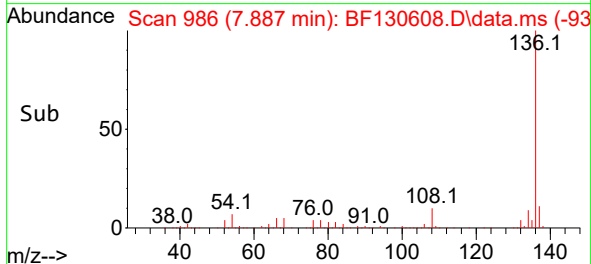
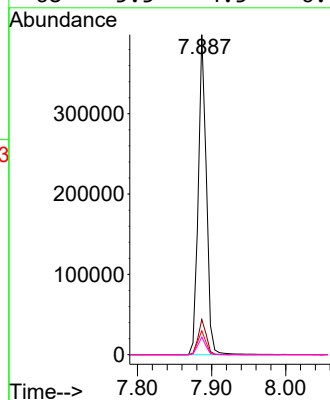
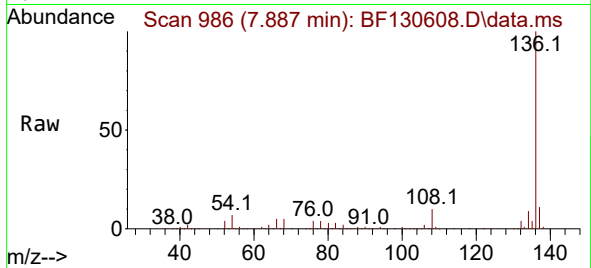




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

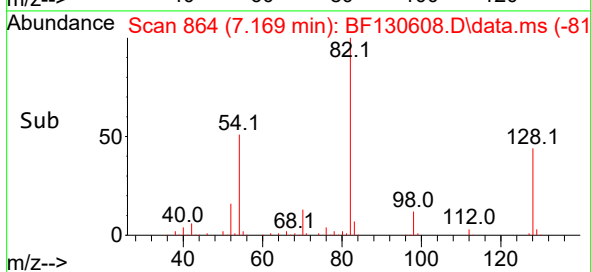
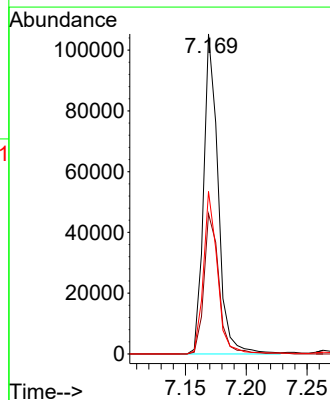
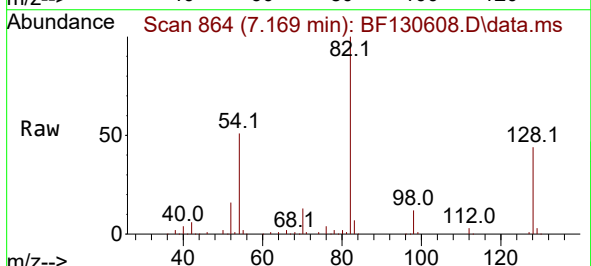
Instrument :
BNA_F
ClientSampleId :
596C-1DL

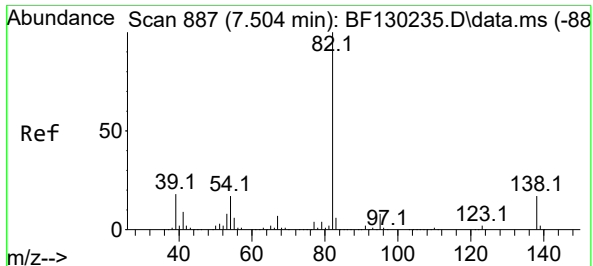
Tgt Ion:136 Resp: 302207
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 14.791 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion: 82 Resp: 87495
Ion Ratio Lower Upper
82 100
128 43.8 32.6 49.0
54 50.8 43.8 65.6

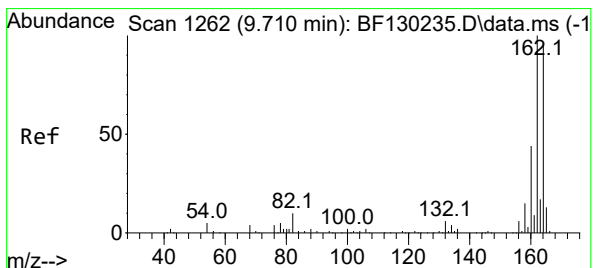
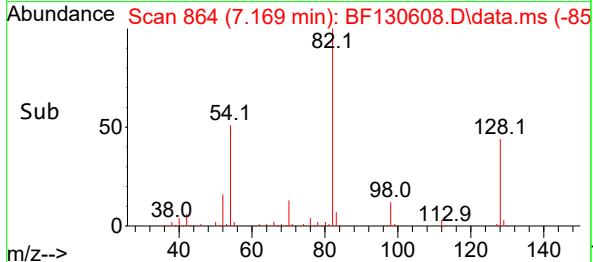
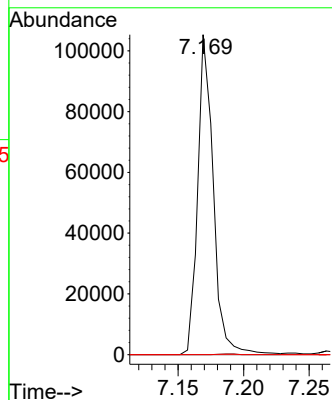
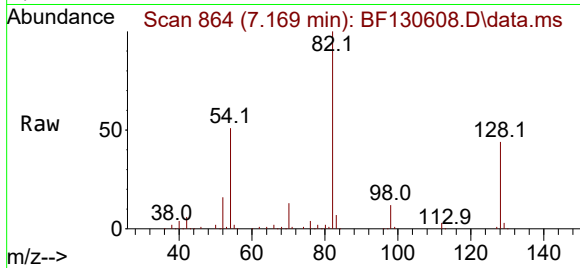




#25
Isophorone
Concen: 9.177 ng
RT: 7.169 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

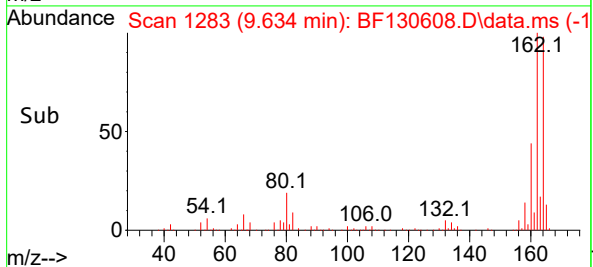
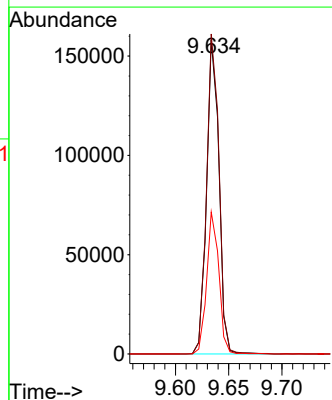
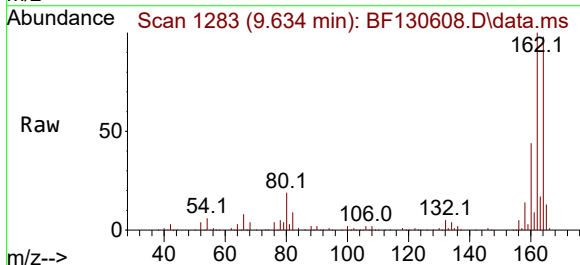
Instrument :
BNA_F
ClientSampleId :
596C-1DL

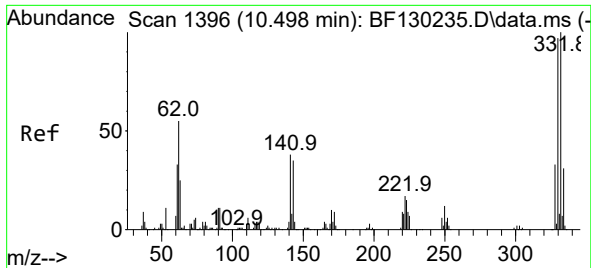
Tgt Ion: 82 Resp: 87494
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion: 164 Resp: 127993
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 45.2 36.2 54.4

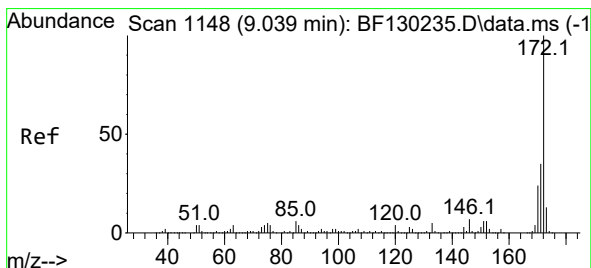
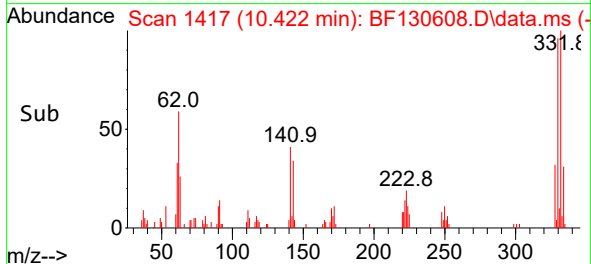
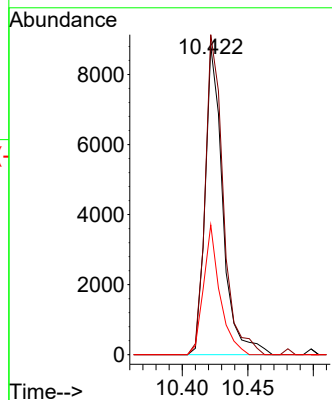
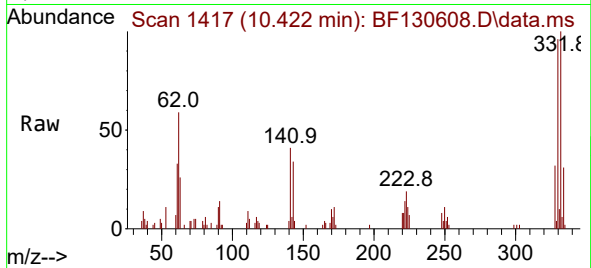




#42
2,4,6-Tribromophenol
Concen: 6.744 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

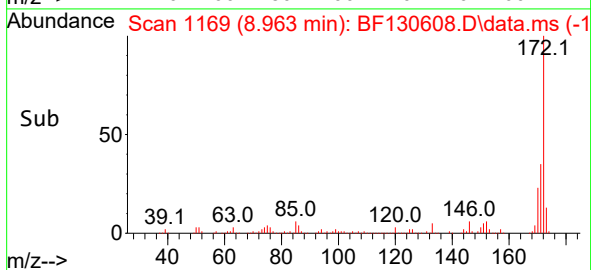
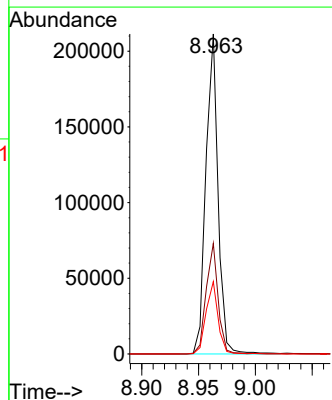
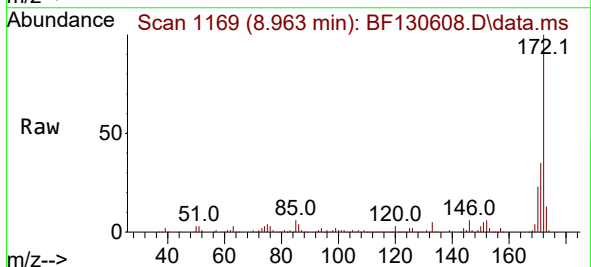
Instrument :
BNA_F
ClientSampleId :
596C-1DL

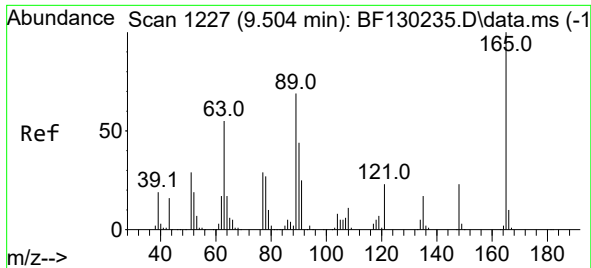
Tgt Ion:330 Resp: 8271
Ion Ratio Lower Upper
330 100
332 106.0 83.4 125.2
141 39.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 17.875 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion:172 Resp: 157118
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.6 18.7 28.1

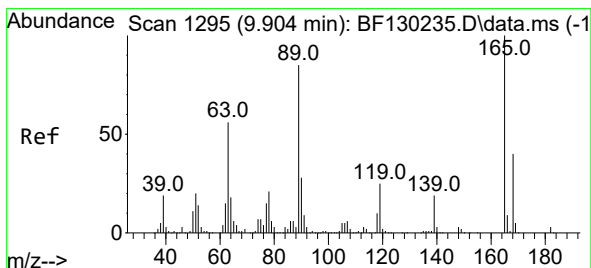
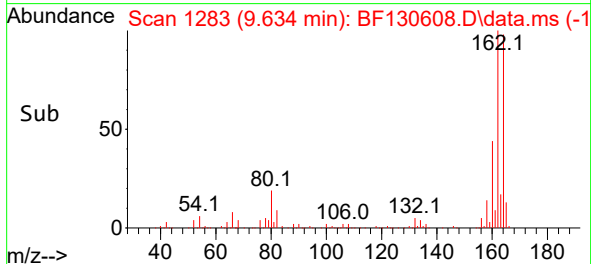
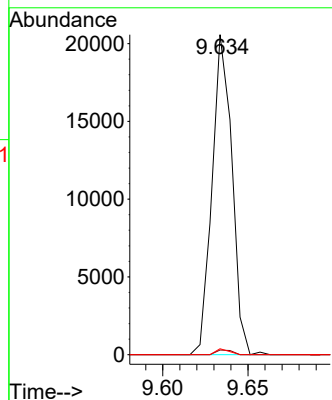
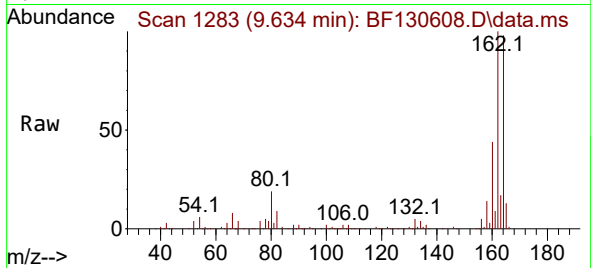




#51
2,6-Dinitrotoluene
Concen: 9.040 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.194 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

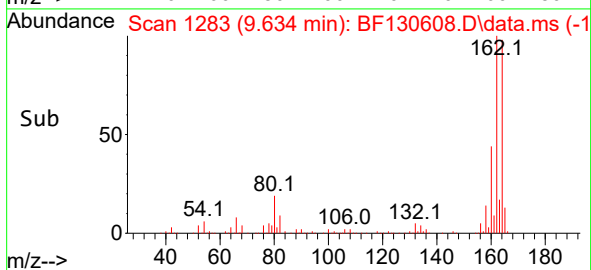
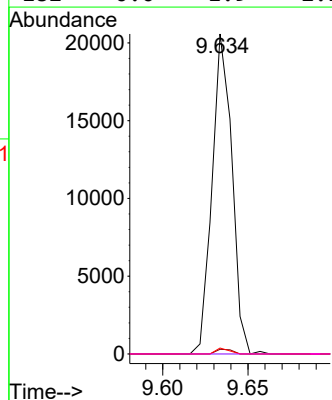
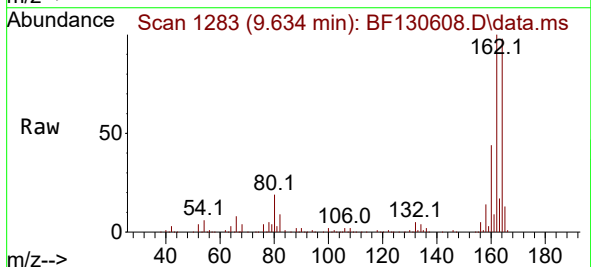
Instrument :
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596C-1DL

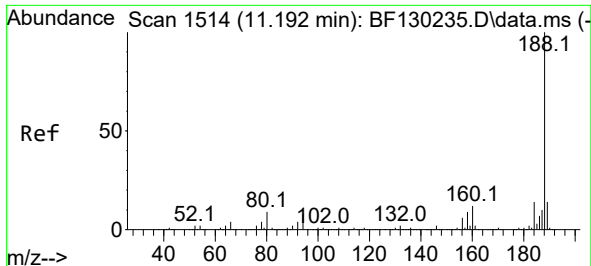
Tgt Ion:165 Resp: 16716
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.8 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.074 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.206 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion:165 Resp: 16716
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#

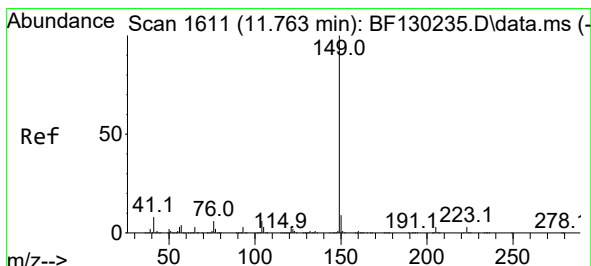
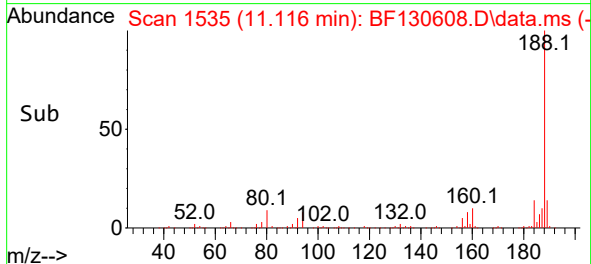
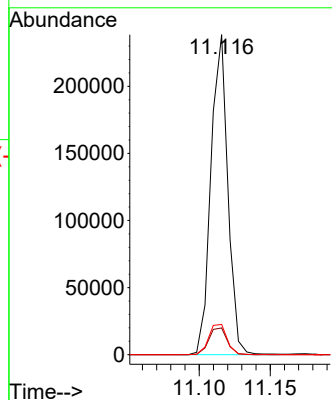
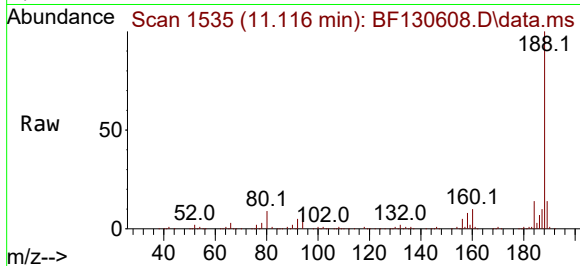




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

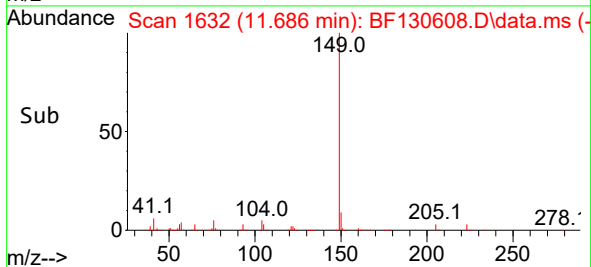
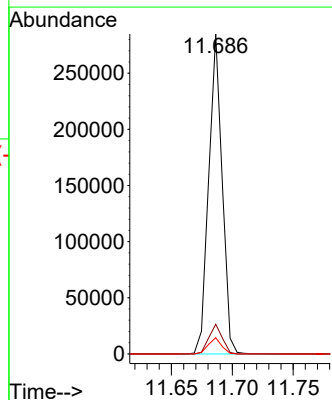
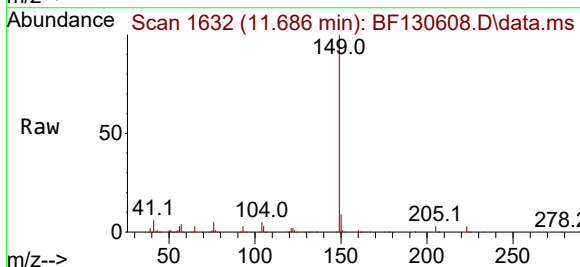
Instrument :
BNA_F
ClientSampleId :
596C-1DL

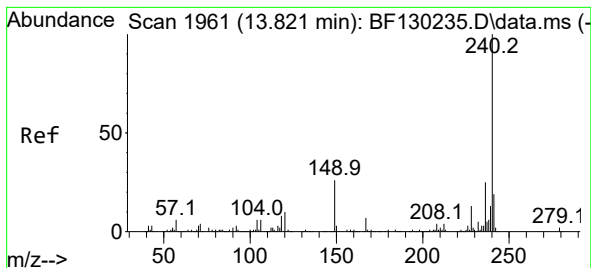
Tgt Ion:188 Resp: 196908
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.5 7.9 11.9



#74
Di-n-butylphthalate
Concen: 18.787 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Tgt Ion:149 Resp: 218122
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.1 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.745 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF130608.D

Acq: 10 Oct 2022 17:57

Instrument :

BNA_F

ClientSampleId :

596C-1DL

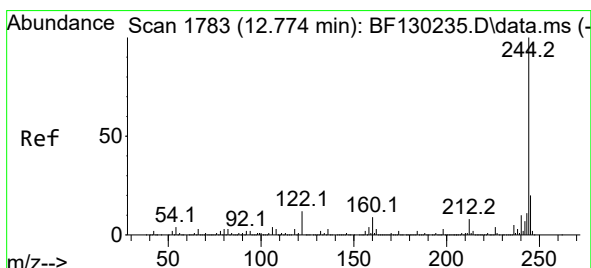
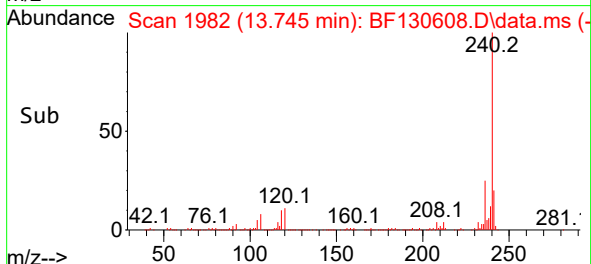
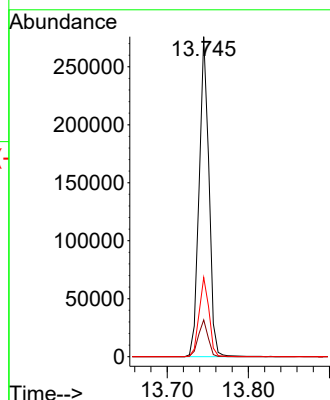
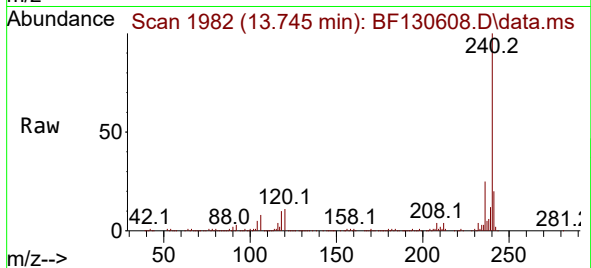
Tgt Ion:240 Resp: 232395

Ion Ratio Lower Upper

240 100

120 11.5 8.7 13.1

236 24.7 20.9 31.3



#79

Terphenyl-d14

Concen: 10.913 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF130608.D

Acq: 10 Oct 2022 17:57

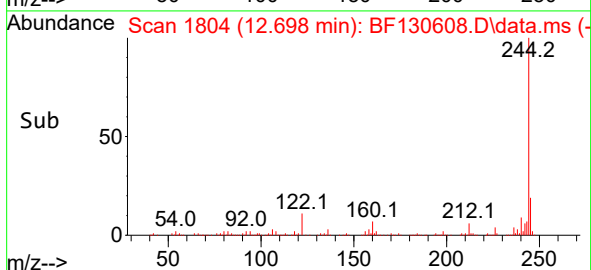
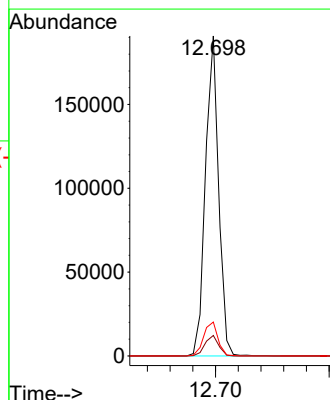
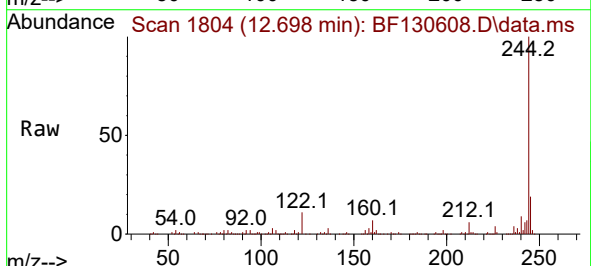
Tgt Ion:244 Resp: 153097

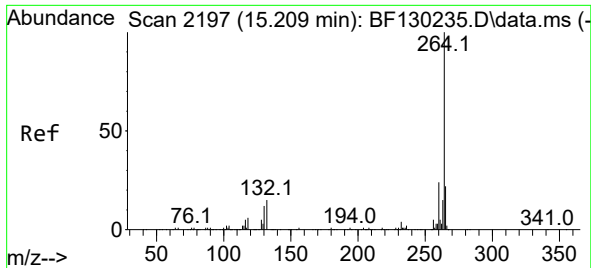
Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

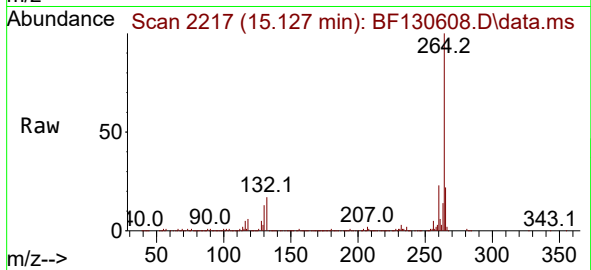
122 10.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.127 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF130608.D
Acq: 10 Oct 2022 17:57

Instrument :
BNA_F
ClientSampleId :
596C-1DL



Tgt Ion:264 Resp: 233916
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.8 17.0 25.4

