

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130636.D
 Acq On : 12 Oct 2022 18:33
 Operator : CG\JU
 Sample : N5066-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C21(20-21)

Quant Time: Oct 13 05:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

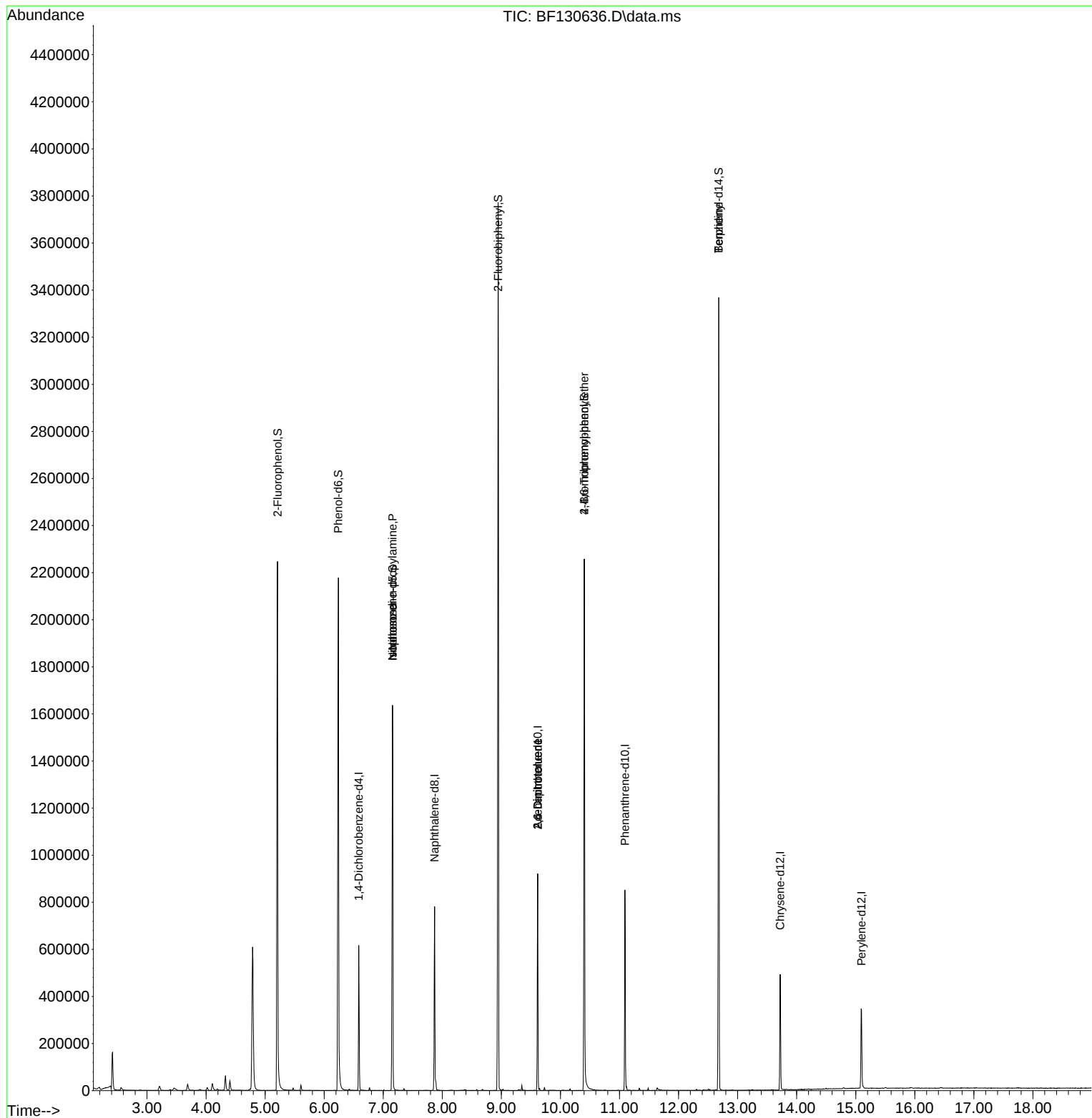
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	80610	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	323822	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	173748	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	290759	20.000	ng	0.00
76) Chrysene-d12	13.721	240	154278	20.000	ng	0.00
86) Perylene-d12	15.098	264	149731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	695243	155.465	ng	0.02
7) Phenol-d6	6.239	99	771082	137.141	ng	0.00
23) Nitrobenzene-d5	7.157	82	602411	101.556	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	294341	173.130	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1185694	103.370	ng	0.00
79) Terphenyl-d14	12.680	244	1216847	130.909	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	79902	22.026	ng	# 77
25) Isophorone	7.157	82	602406	61.018	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	22747	8.622	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	22747	6.709	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	17978	5.465	ng	# 1
77) Benzidine	12.680	184	16654	4.271	ng	# 93

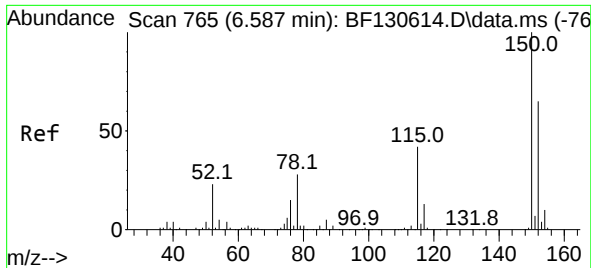
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130636.D
Acq On : 12 Oct 2022 18:33
Operator : CG\JU
Sample : N5066-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C21(20-21)

Quant Time: Oct 13 05:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

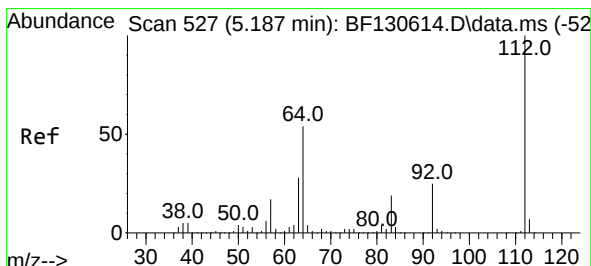
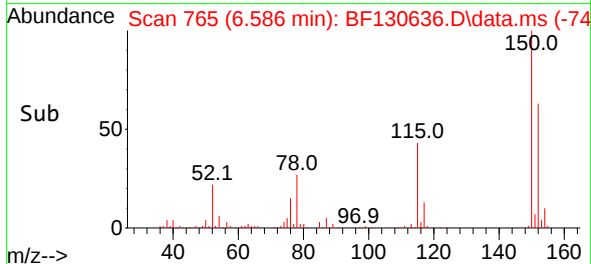
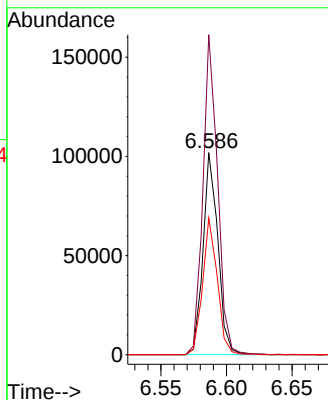
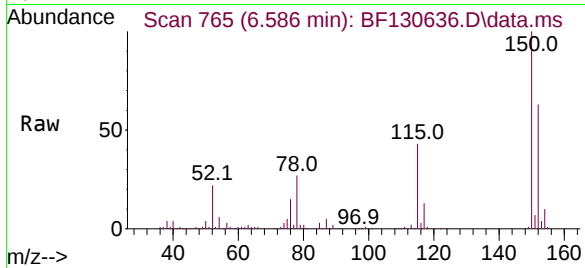




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 70
Delta R.T. -0.001 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

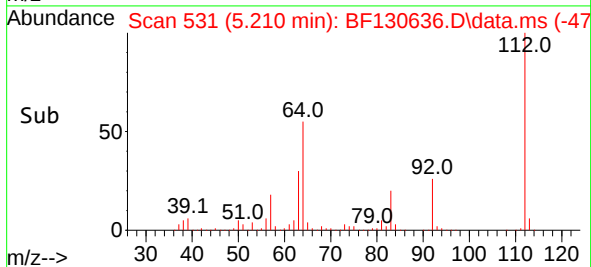
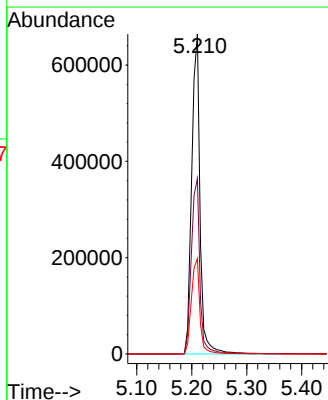
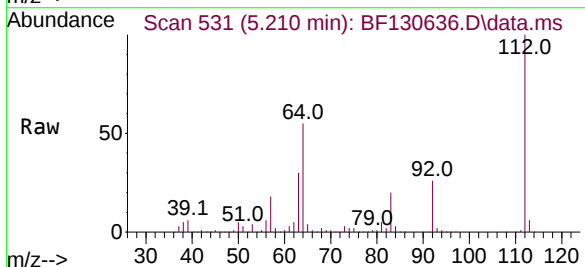
Instrument :
BNA_F
ClientSampleId :
C21(20-21)

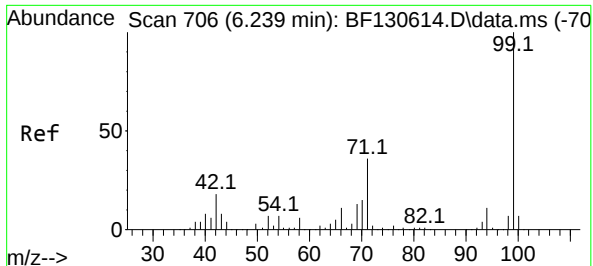
Tgt Ion:152 Resp: 80610
Ion Ratio Lower Upper
152 100
150 158.4 123.8 185.6
115 67.6 52.2 78.4



#5
2-Fluorophenol
Concen: 155.465 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.023 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

Tgt Ion:112 Resp: 695243
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 29.9 22.6 34.0

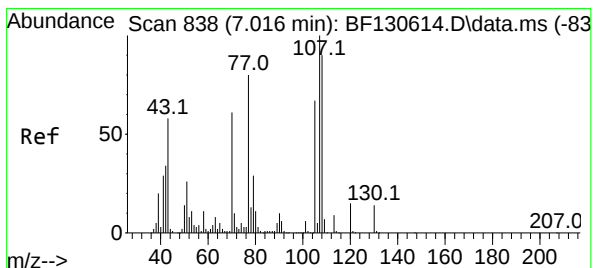
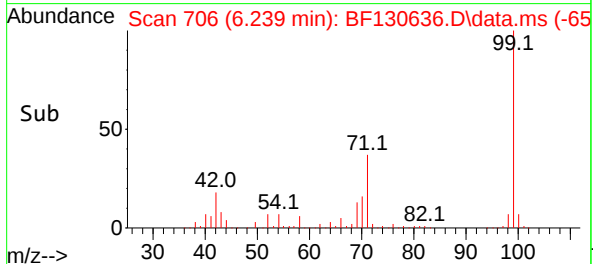
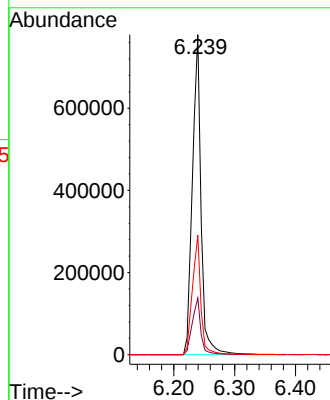
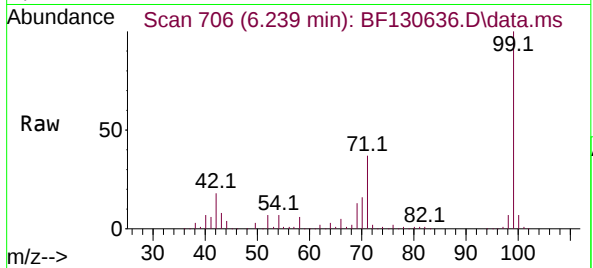




#7
Phenol-d6
Concen: 137.141 ng
RT: 6.239 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

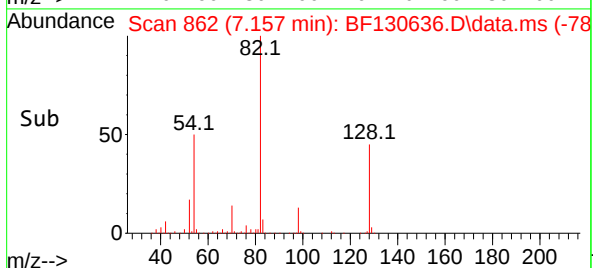
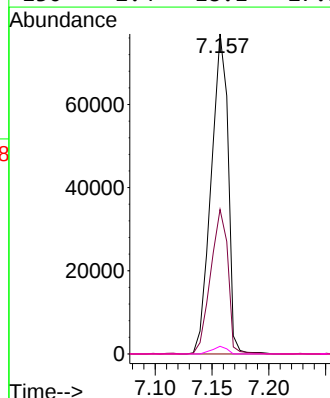
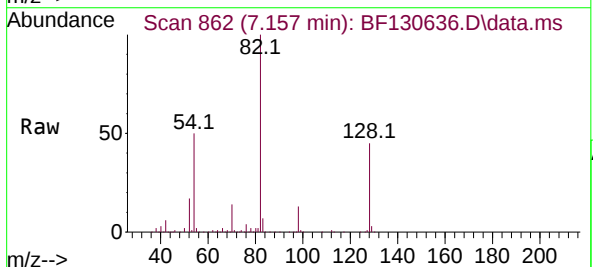
Instrument :
BNA_F
ClientSampleId :
C21(20-21)

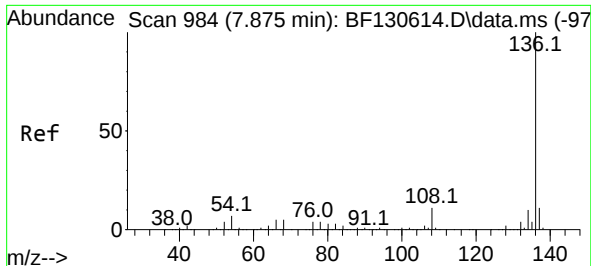
Tgt Ion: 99 Resp: 771082
Ion Ratio Lower Upper
99 100
42 17.7 14.0 21.0
71 37.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.026 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

Tgt Ion: 70 Resp: 79902
Ion Ratio Lower Upper
70 100
42 45.2 44.3 66.5
101 0.0 7.9 11.9#
130 2.4 18.1 27.1#

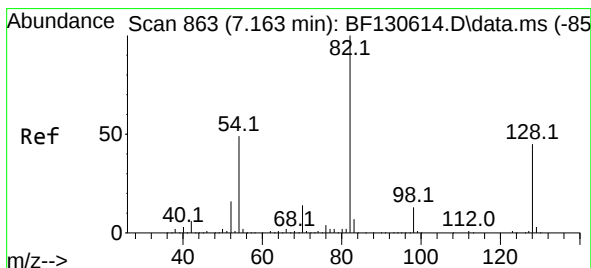
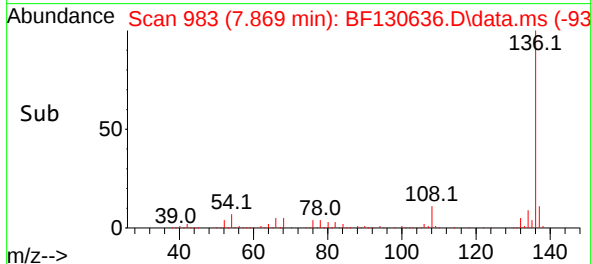
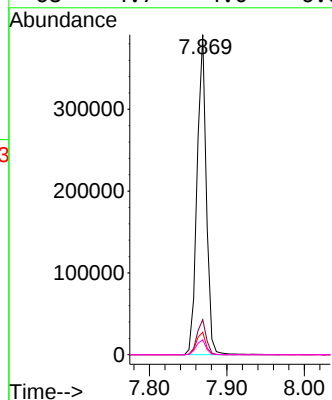
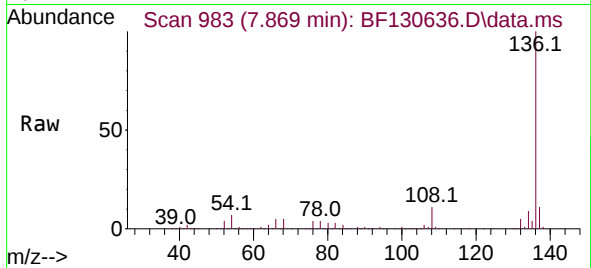




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

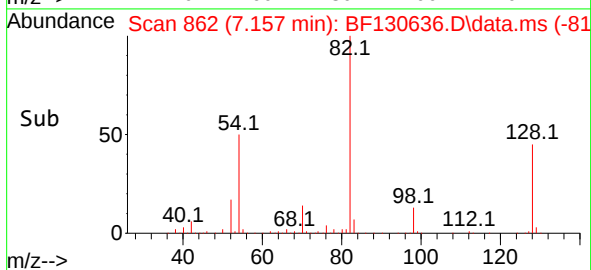
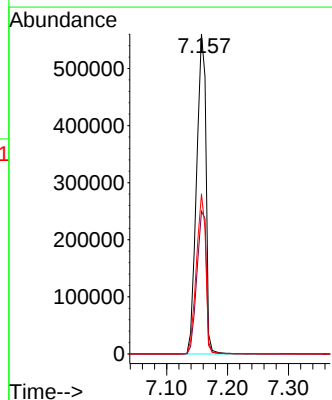
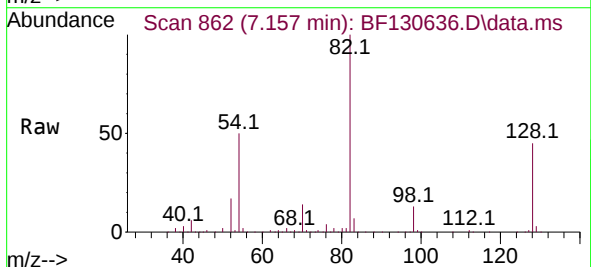
Instrument :
BNA_F
ClientSampleId :
C21(20-21)

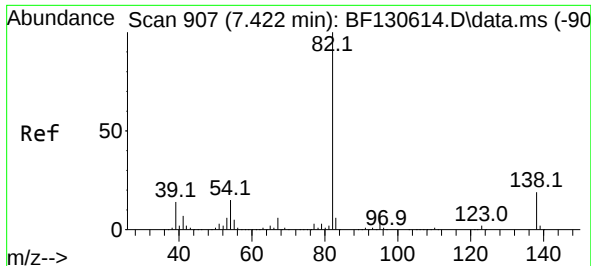
Tgt Ion:136 Resp: 323822
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.0 5.5 8.3
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 101.556 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

Tgt Ion: 82 Resp: 602411
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 50.1 39.3 58.9

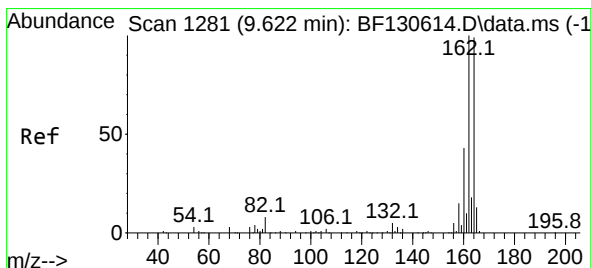
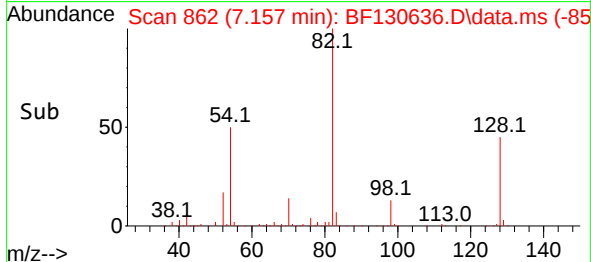
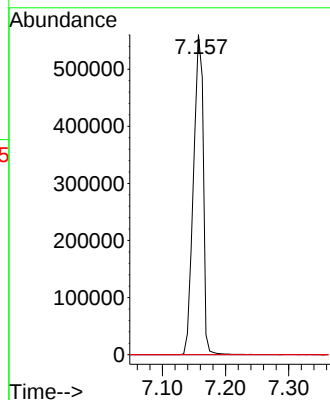
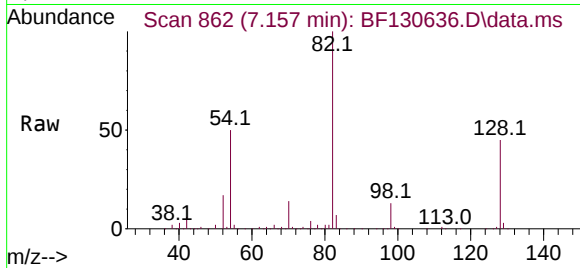




#25
Isophorone
Concen: 61.018 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

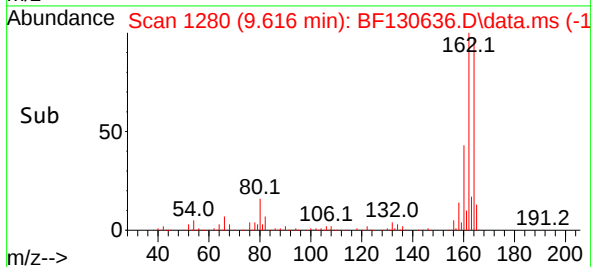
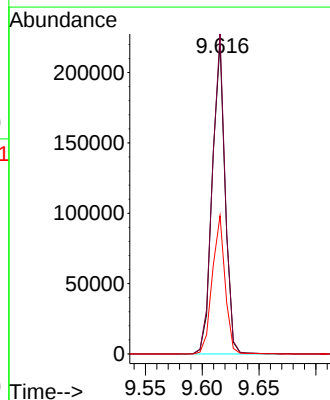
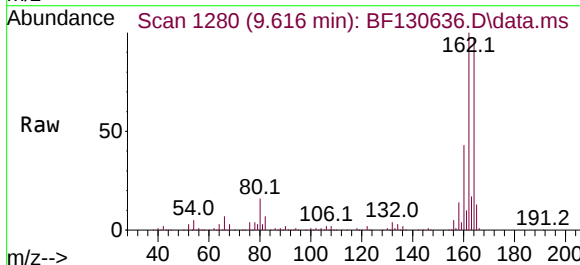
Instrument :
BNA_F
ClientSampleId :
C21(20-21)

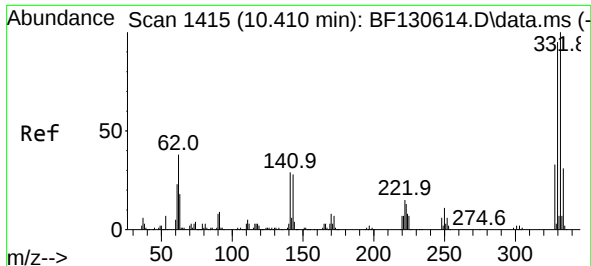
Tgt Ion: 82 Resp: 602406
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

Tgt Ion:164 Resp: 173748
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.4
160 44.5 34.5 51.7

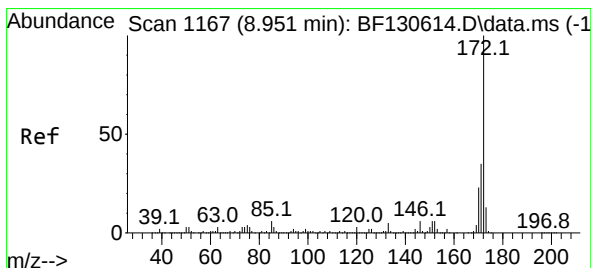
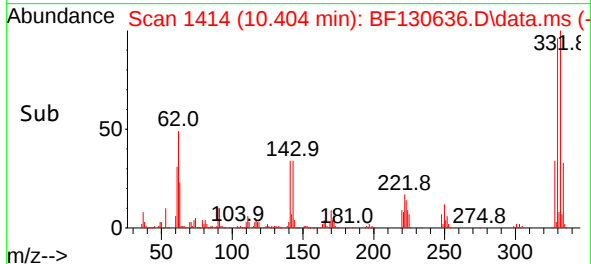
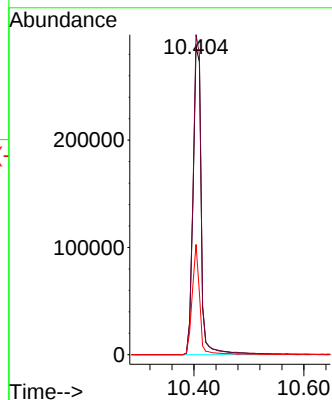
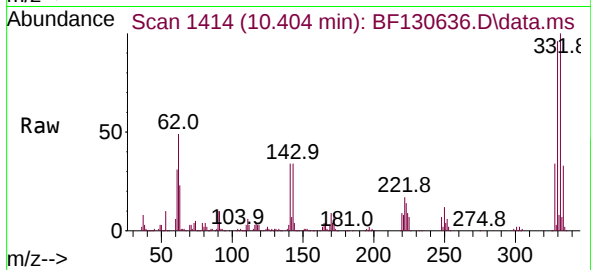




#42
2,4,6-Tribromophenol
Concen: 173.130 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

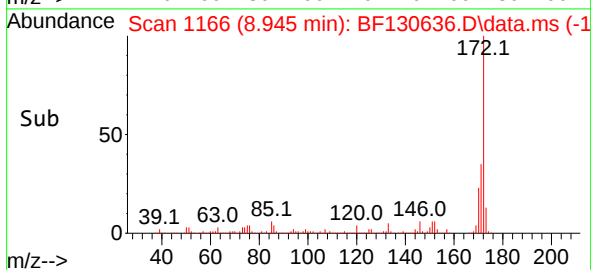
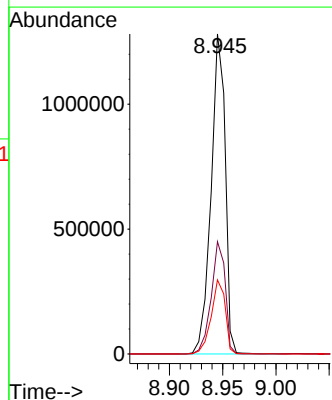
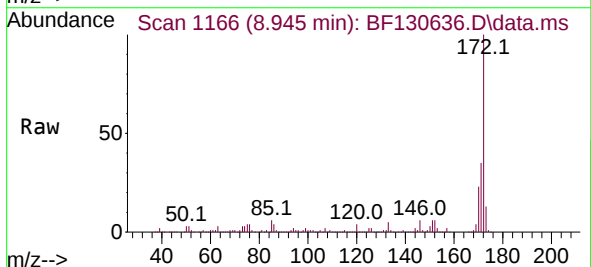
Instrument :
BNA_F
ClientSampleId :
C21(20-21)

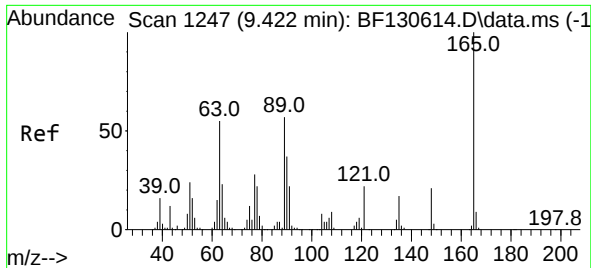
Tgt Ion:330 Resp: 294341
Ion Ratio Lower Upper
330 100
332 103.8 84.2 126.4
141 33.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 103.370 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

Tgt Ion:172 Resp: 1185694
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.2 18.6 27.8

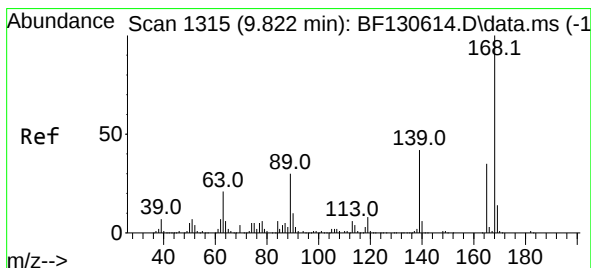
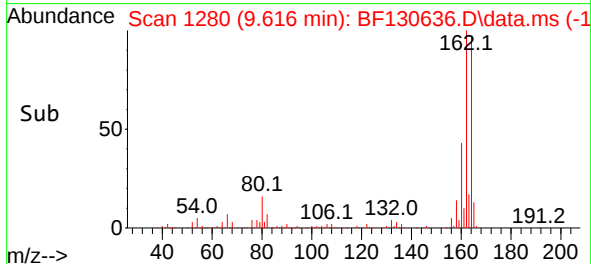
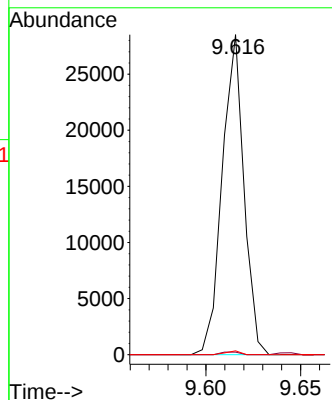
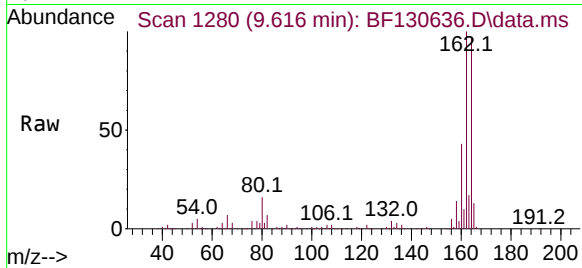




#51
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

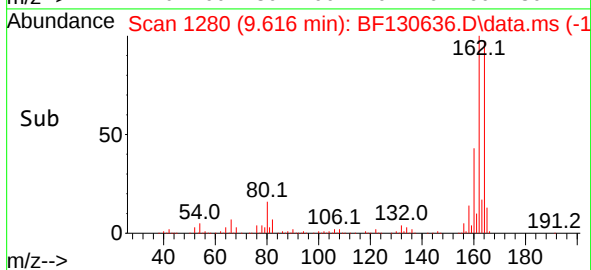
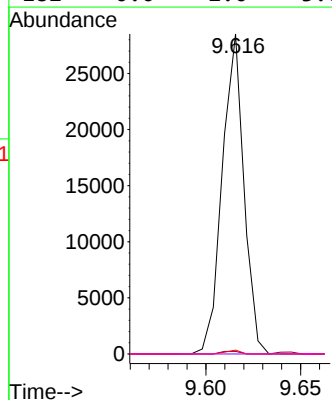
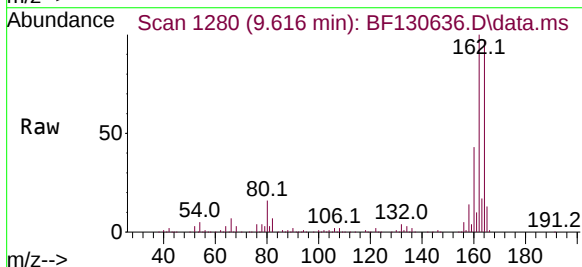
Instrument :
BNA_F
ClientSampleId :
C21(20-21)

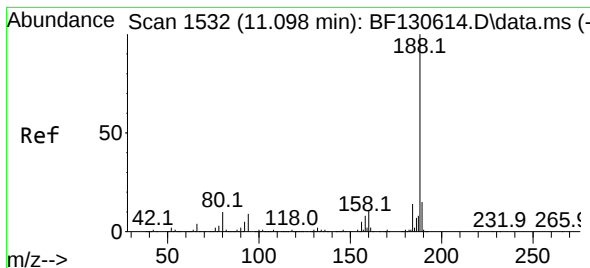
Tgt Ion:165 Resp: 22747
Ion Ratio Lower Upper
165 100
63 0.8 45.3 67.9#
89 1.2 45.6 68.4#



#57
2,4-Dinitrotoluene
Concen: 6.709 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130636.D
Acq: 12 Oct 2022 18:33

Tgt Ion:165 Resp: 22747
Ion Ratio Lower Upper
165 100
63 0.8 50.6 76.0#
89 1.2 68.6 102.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

Instrument :

BNA_F

ClientSampleId :

C21(20-21)

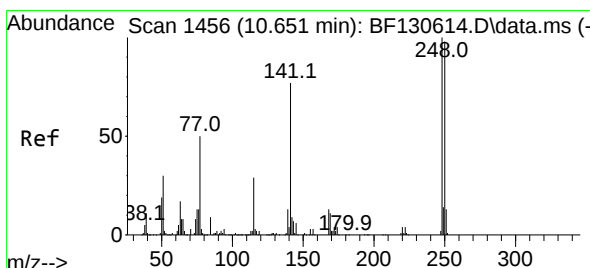
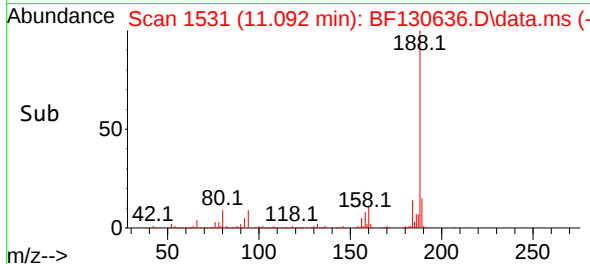
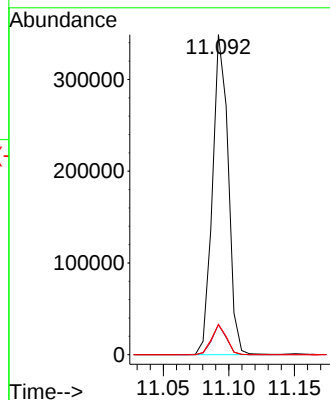
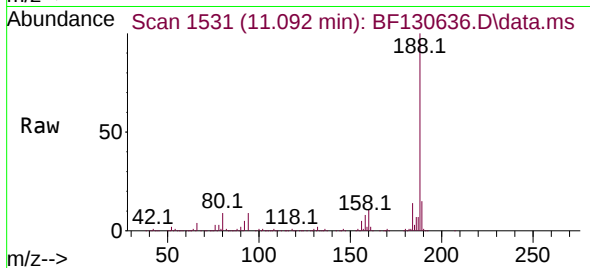
Tgt Ion:188 Resp: 290759

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 9.4 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 5.465 ng

RT: 10.404 min Scan# 1414

Delta R.T. -0.247 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

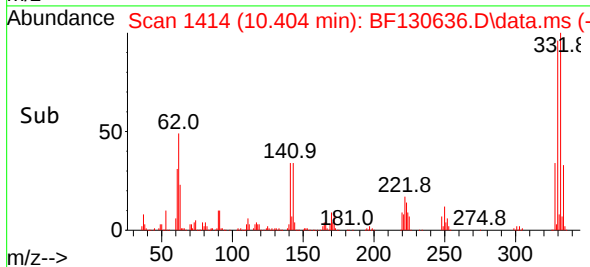
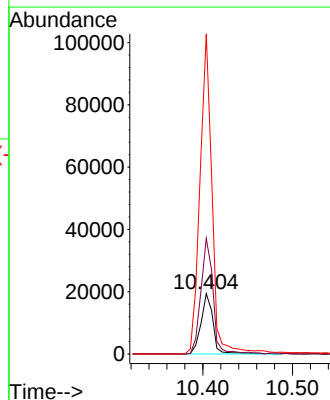
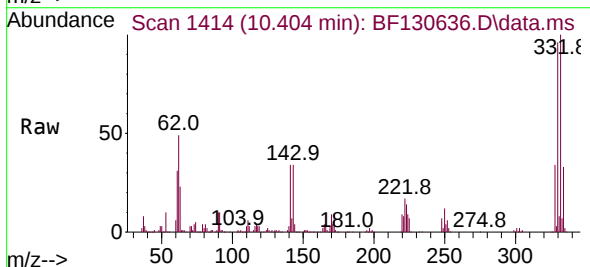
Tgt Ion:248 Resp: 17978

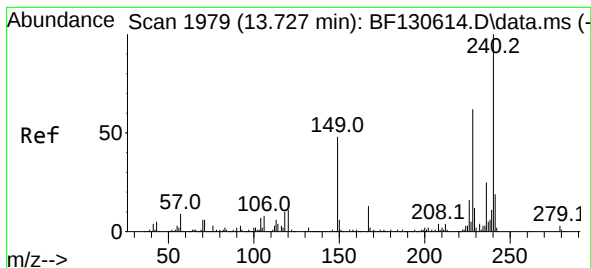
Ion Ratio Lower Upper

248 100

250 191.2 78.7 118.1#

141 529.7 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.721 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

Instrument :

BNA_F

ClientSampleId :

C21(20-21)

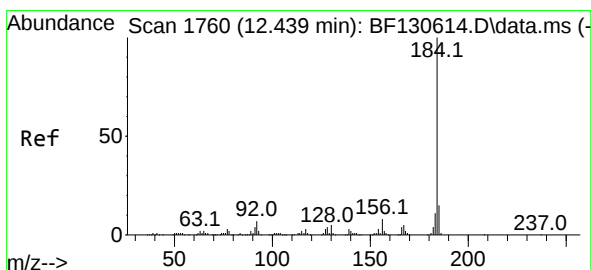
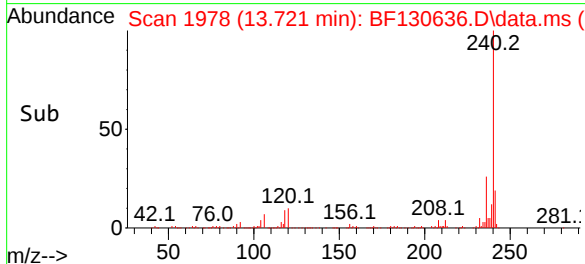
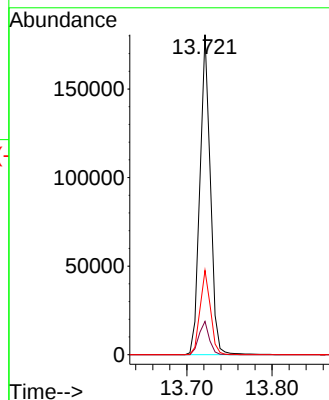
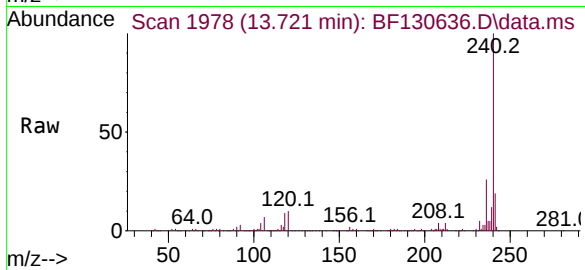
Tgt Ion:240 Resp: 154278

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 26.4 20.2 30.4



#77

Benzdine

Concen: 4.271 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.241 min

Lab File: BF130636.D

Acq: 12 Oct 2022 18:33

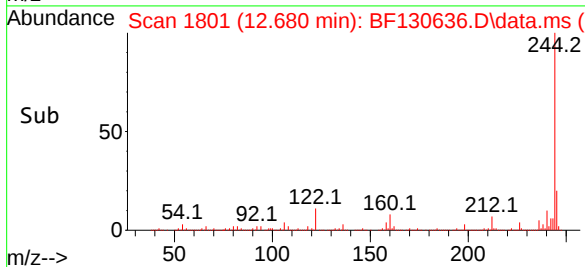
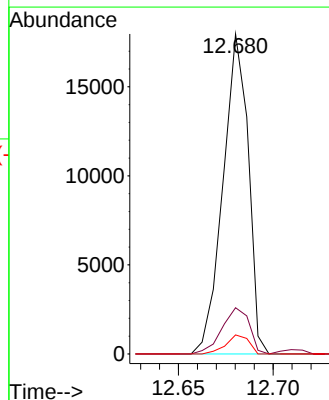
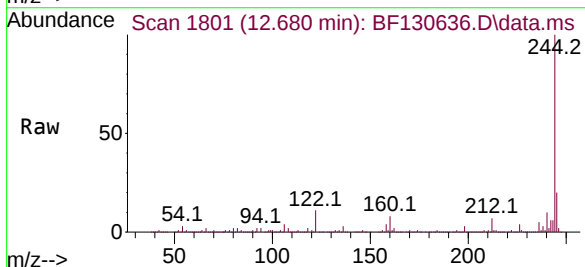
Tgt Ion:184 Resp: 16654

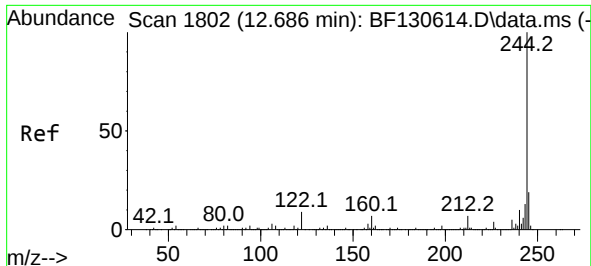
Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

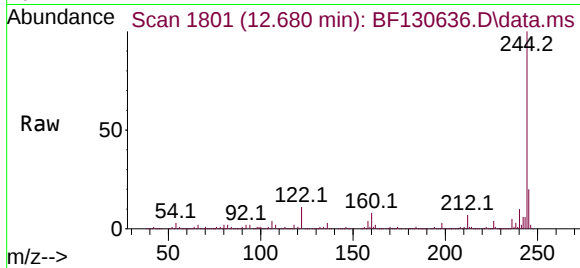
183 6.0 9.0 13.4



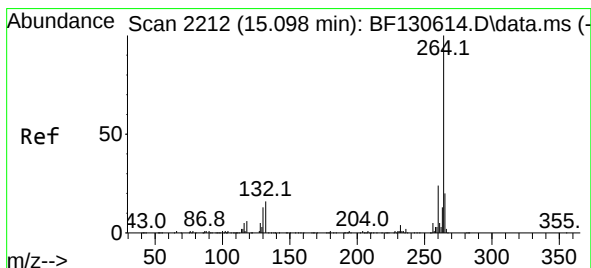
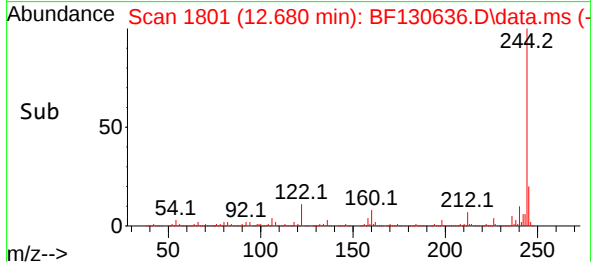
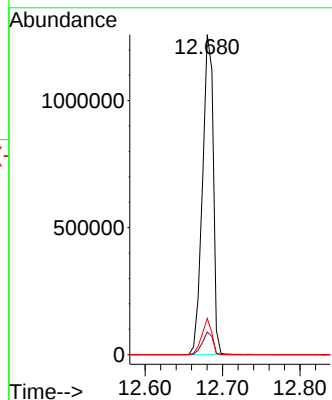


#79
 Terphenyl-d14
 Concen: 130.909 ng
 RT: 12.680 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130636.D
 Acq: 12 Oct 2022 18:33

Instrument :
 BNA_F
 ClientSampleId :
 C21(20-21)



Tgt Ion:244 Resp: 1216847
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.3 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: BF130636.D
 Acq: 12 Oct 2022 18:33

Tgt Ion:264 Resp: 149731
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.1 28.7
 265 21.1 16.4 24.6

