

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130635.D
 Acq On : 12 Oct 2022 18:00
 Operator : CG\JU
 Sample : N5066-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C20(19-20)

Quant Time: Oct 13 05:46:16 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)

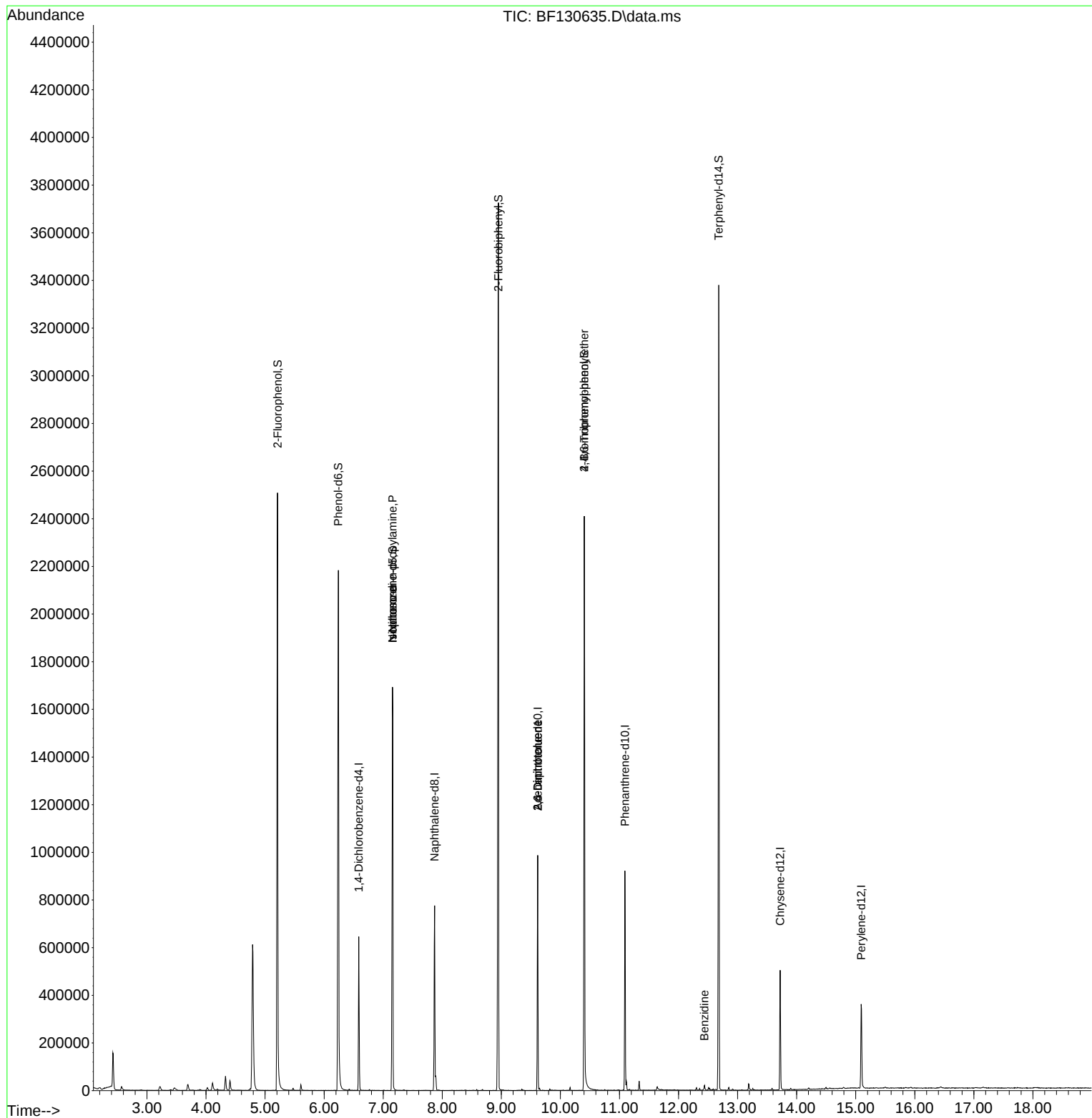
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	84716	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	339717	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	184109	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	307778	20.000	ng	0.00
76) Chrysene-d12	13.721	240	157597	20.000	ng	0.00
86) Perylene-d12	15.092	264	153544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	736098	156.623	ng	0.02
7) Phenol-d6	6.240	99	827237	139.997	ng	0.00
23) Nitrobenzene-d5	7.157	82	629713	101.191	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	308484	171.238	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1254513	103.214	ng	0.00
79) Terphenyl-d14	12.680	244	1209366	127.364	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	84841	22.254	ng	# 79
25) Isophorone	7.157	82	629706	60.799	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	23423	8.379	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	23423	6.519	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	18137	5.208	ng	# 1
77) Benzidine	12.439	184	8970	2.252	ng	100

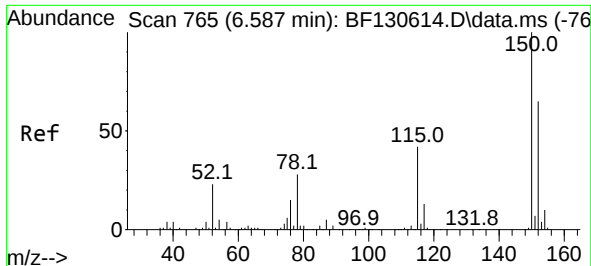
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C20(19-20)

Quant Time: Oct 13 05:46:16 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

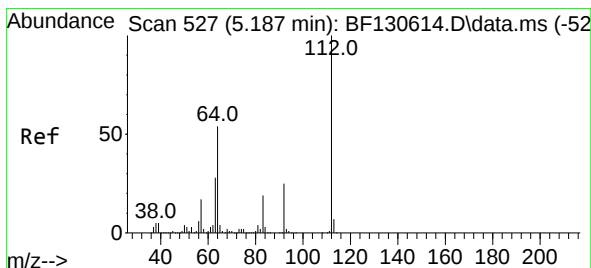
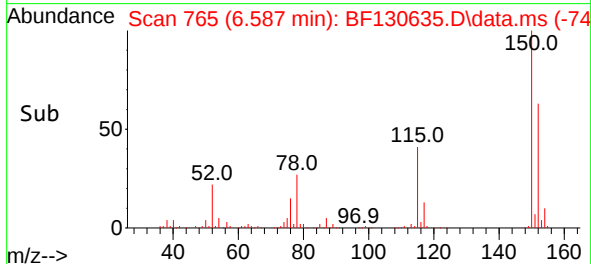
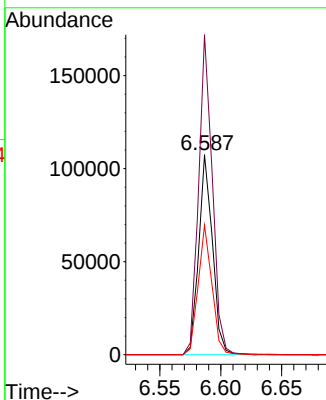
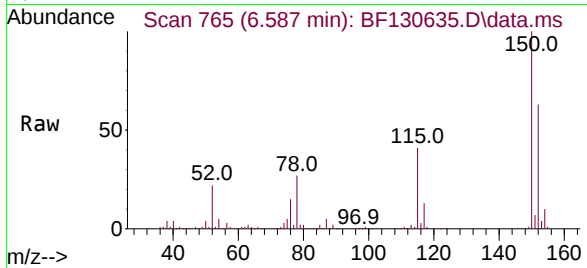




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

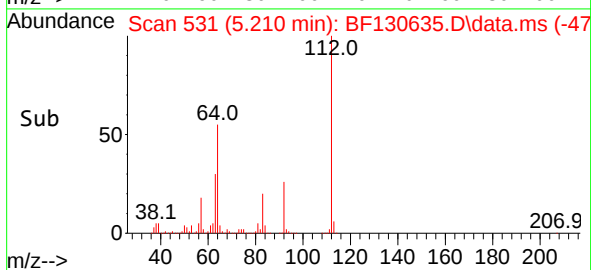
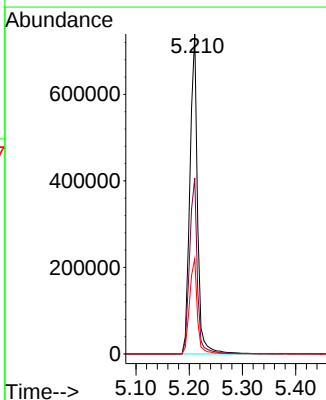
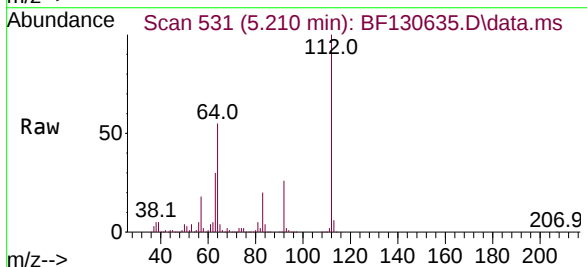
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

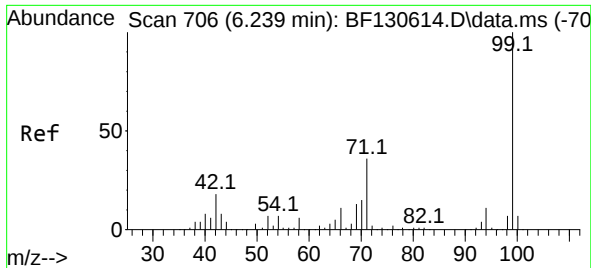
Tgt Ion:152 Resp: 84716
Ion Ratio Lower Upper
152 100
150 159.9 123.8 185.6
115 64.8 52.2 78.4



#5
2-Fluorophenol
Concen: 156.623 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.024 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:112 Resp: 736098
Ion Ratio Lower Upper
112 100
64 55.0 43.5 65.3
63 29.7 22.6 34.0

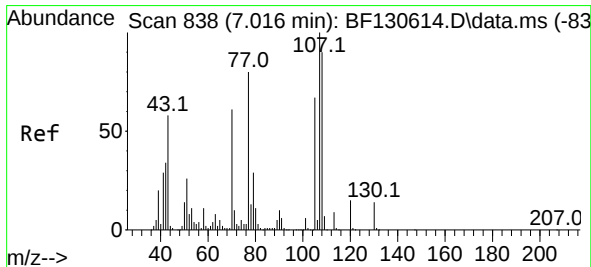
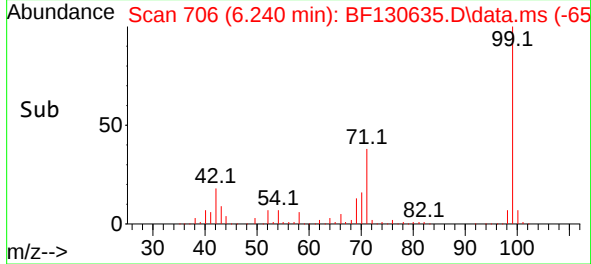
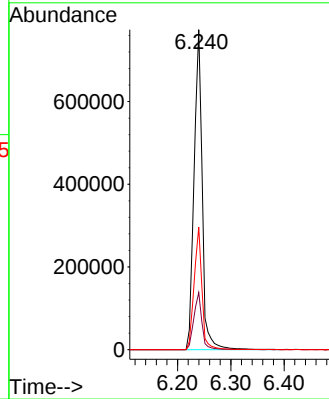
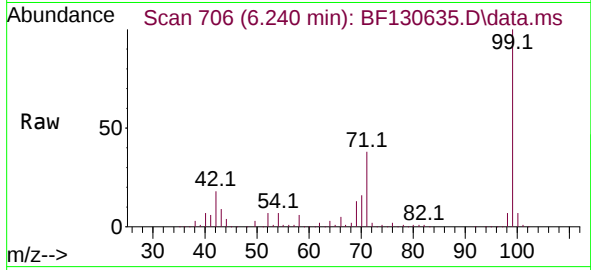




#7
Phenol-d6
Concen: 139.997 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

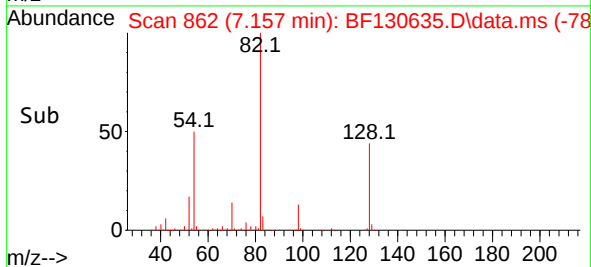
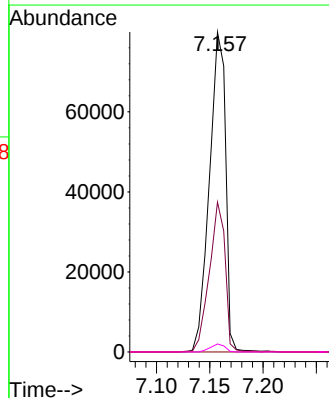
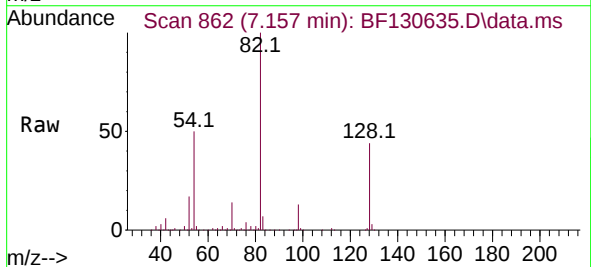
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

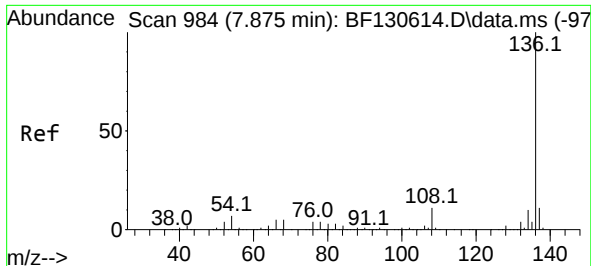
Tgt Ion: 99 Resp: 827237
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 38.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.254 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion: 70 Resp: 84841
Ion Ratio Lower Upper
70 100
42 46.9 44.3 66.5
101 0.0 7.9 11.9#
130 2.5 18.1 27.1#



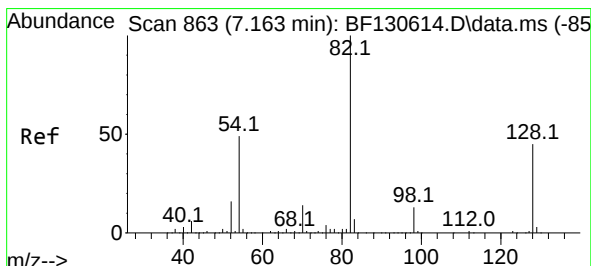
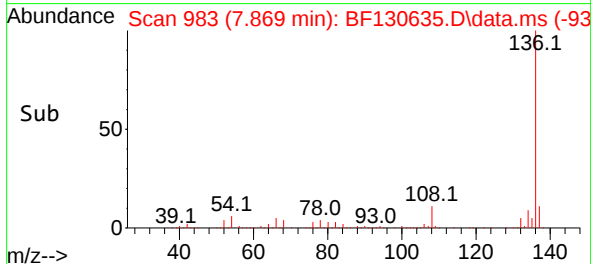
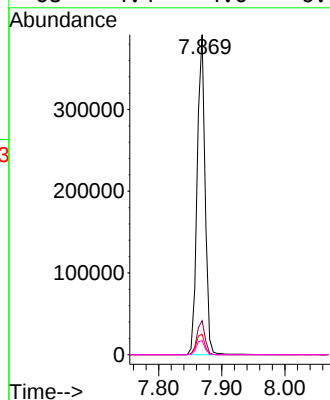
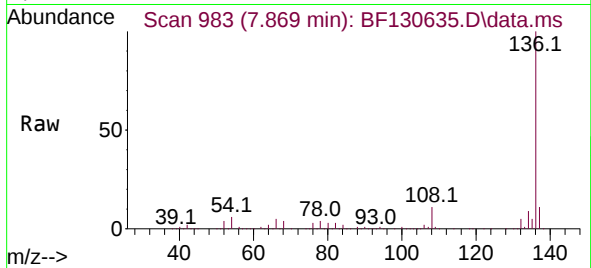


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Instrument :
BNA_F
ClientSampleId :
C20(19-20)

Tgt Ion:136 Resp: 339717

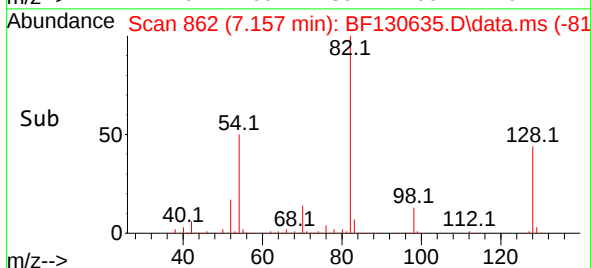
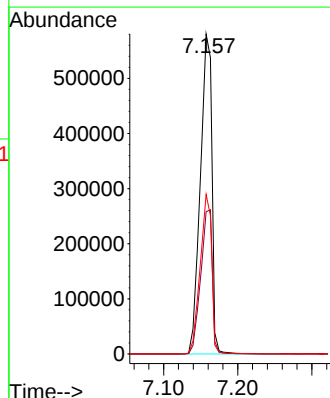
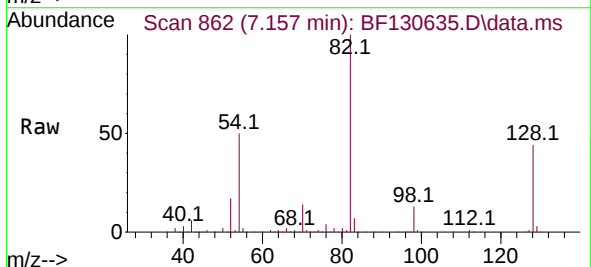
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.4	5.5	8.3
68	4.4	4.0	6.0

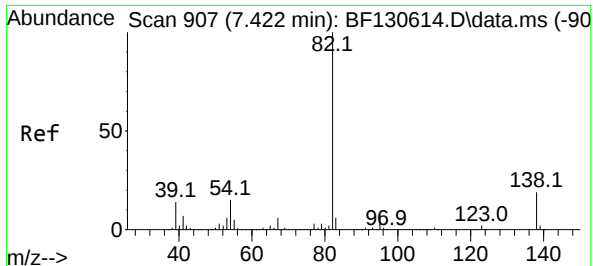


#23
Nitrobenzene-d5
Concen: 101.191 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion: 82 Resp: 629713

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.8	53.6
54	49.8	39.3	58.9

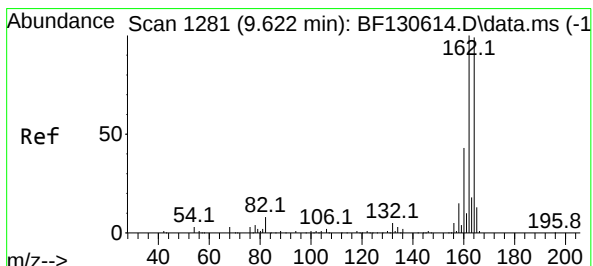
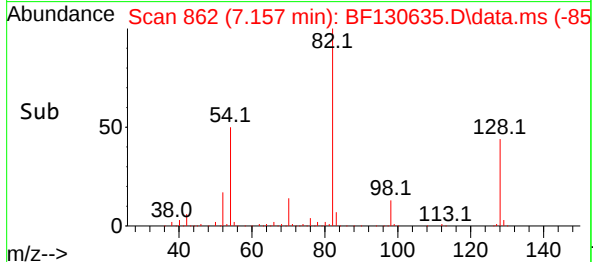
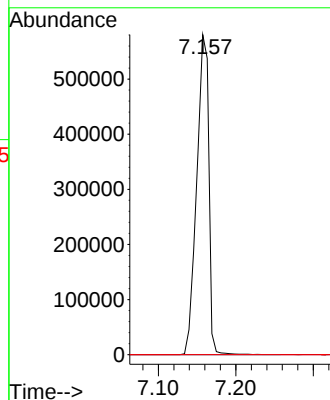
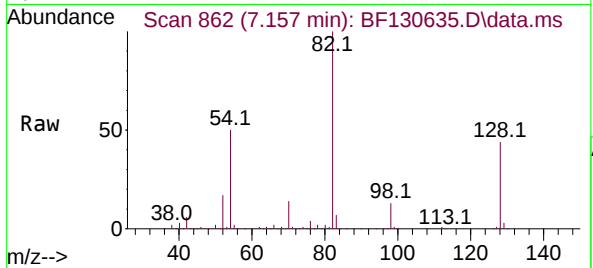




#25
Isophorone
Concen: 60.799 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

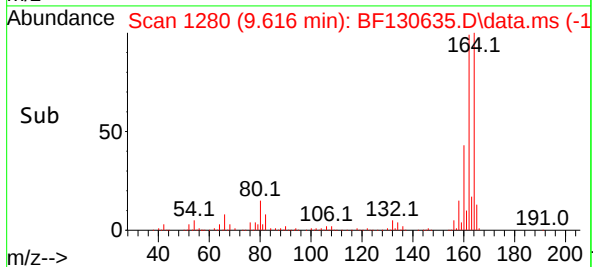
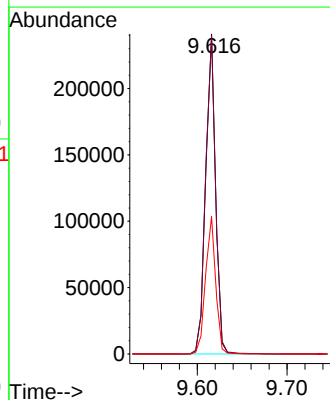
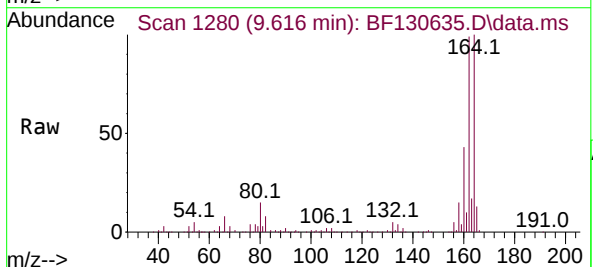
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

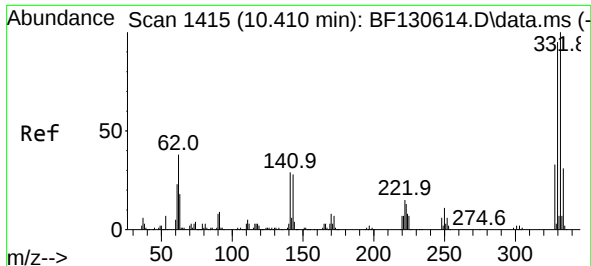
Tgt Ion: 82 Resp: 629706
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:164 Resp: 184109
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 43.0 34.5 51.7

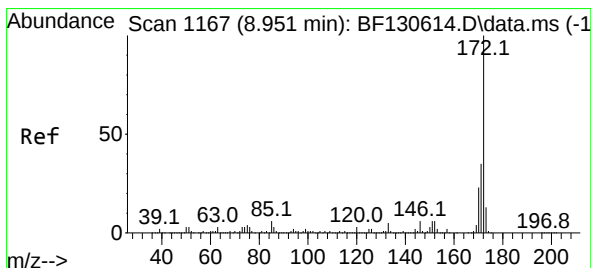
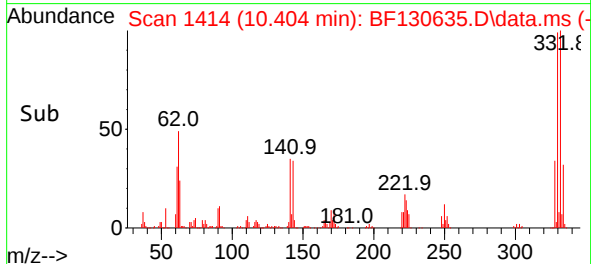
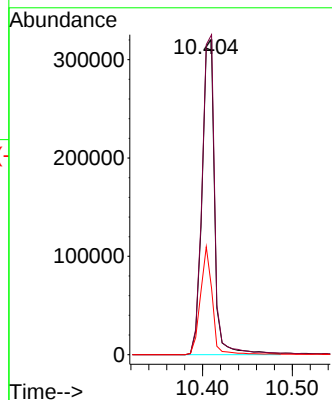
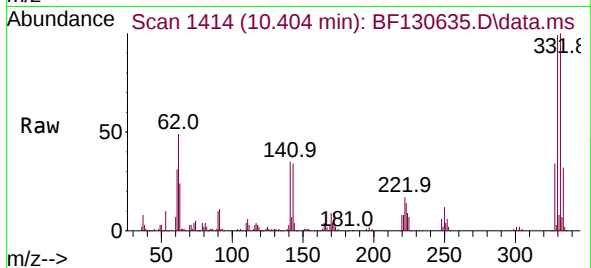




#42
2,4,6-Tribromophenol
Concen: 171.238 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

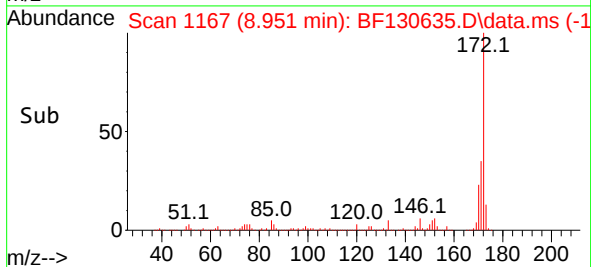
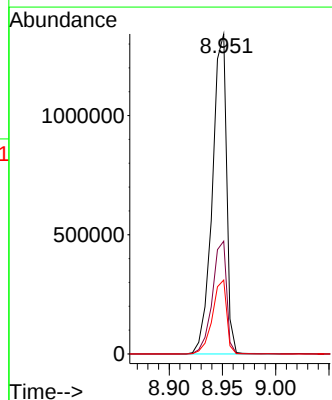
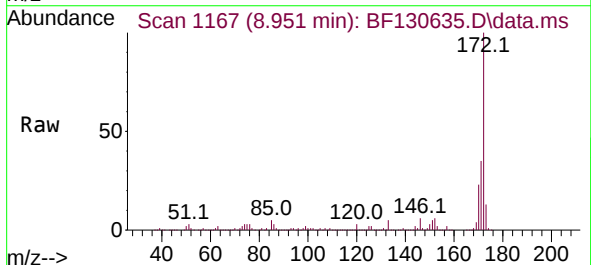
Instrument :
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ClientSampleId :
C20(19-20)

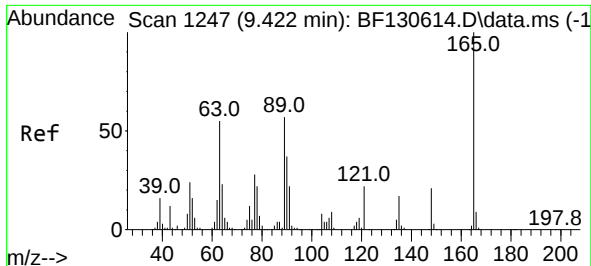
Tgt Ion: 330 Resp: 308484
Ion Ratio Lower Upper
330 100
332 105.0 84.2 126.4
141 32.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 103.214 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion: 172 Resp: 1254513
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.1 18.6 27.8

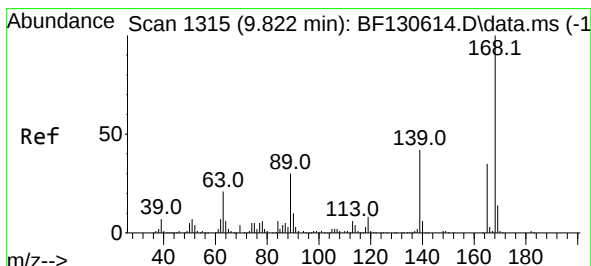
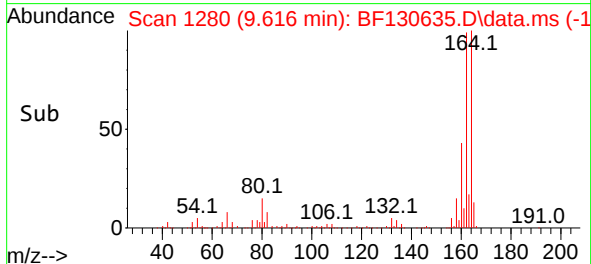
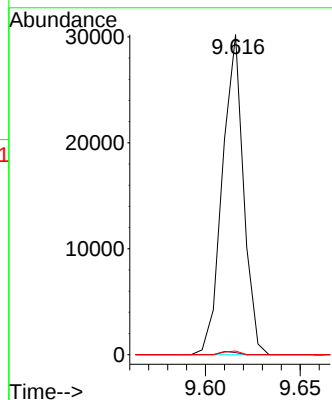
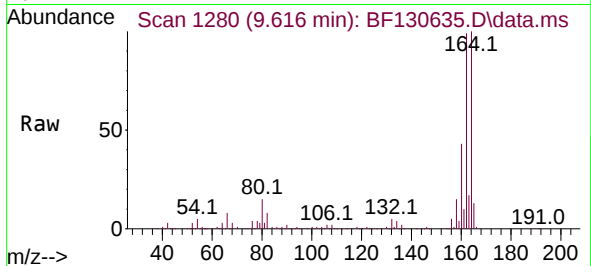




#51
2,6-Dinitrotoluene
Concen: 8.379 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

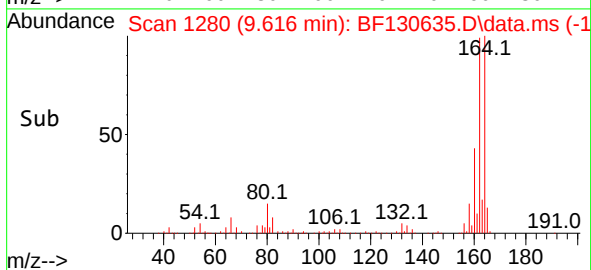
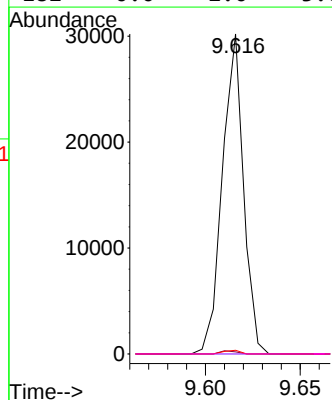
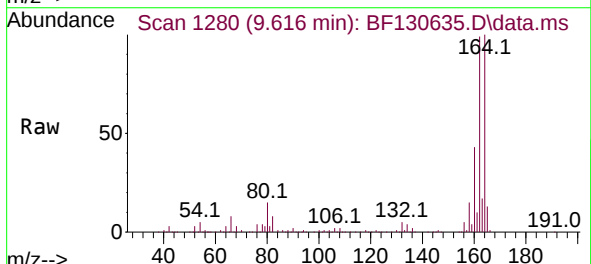
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C20(19-20)

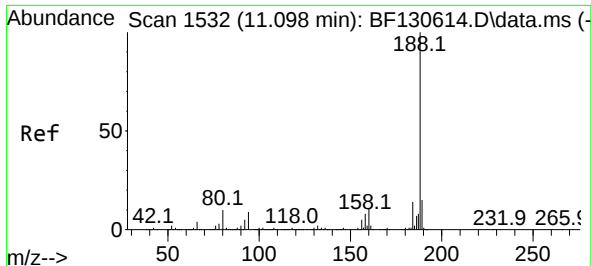
Tgt Ion:165 Resp: 23423
Ion Ratio Lower Upper
165 100
63 0.7 45.3 67.9#
89 1.2 45.6 68.4#



#57
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:165 Resp: 23423
Ion Ratio Lower Upper
165 100
63 0.7 50.6 76.0#
89 1.2 68.6 102.8#
182 0.0 2.0 3.0#

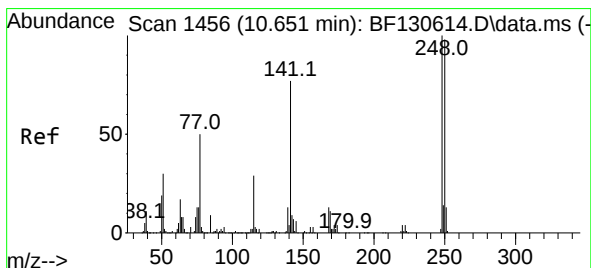
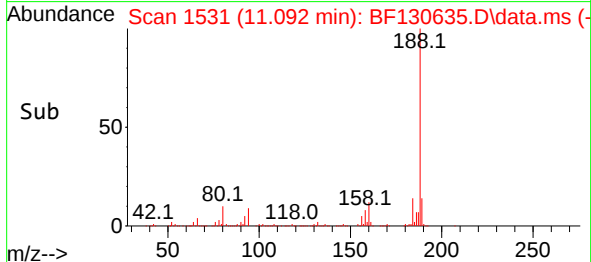
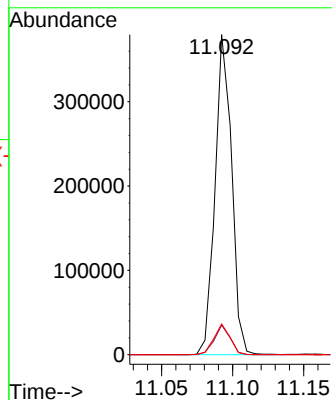
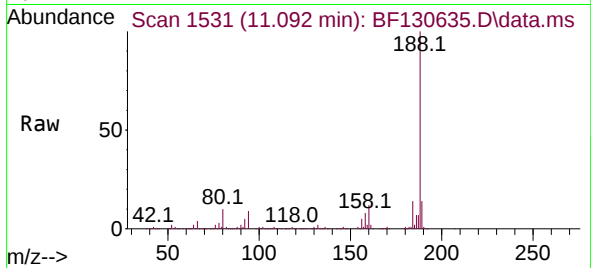




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

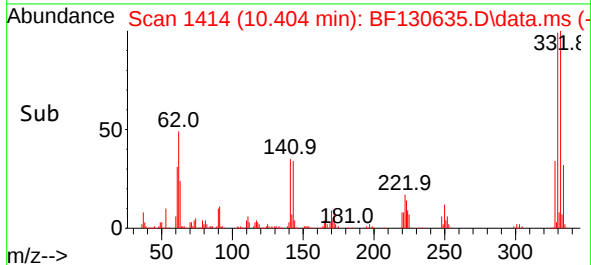
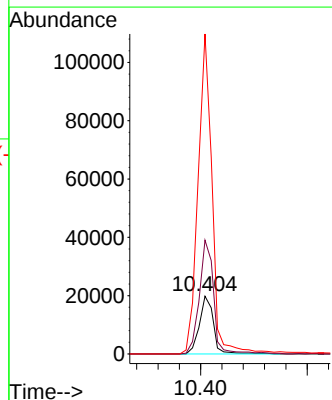
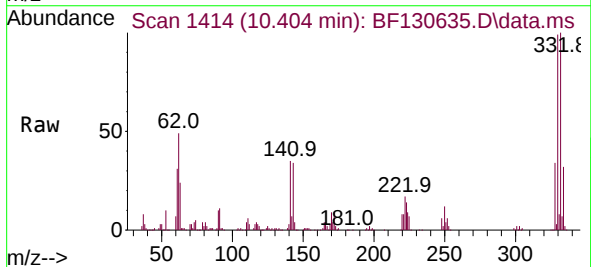
Instrument :
BNA_F
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C20(19-20)

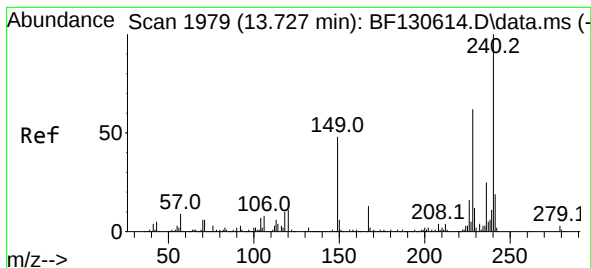
Tgt Ion:188 Resp: 307778
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.6 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.208 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.247 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:248 Resp: 18137
Ion Ratio Lower Upper
248 100
250 196.8 78.7 118.1#
141 553.8 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: BF130635.D

Acq: 12 Oct 2022 18:00

Instrument :

BNA_F

ClientSampleId :

C20(19-20)

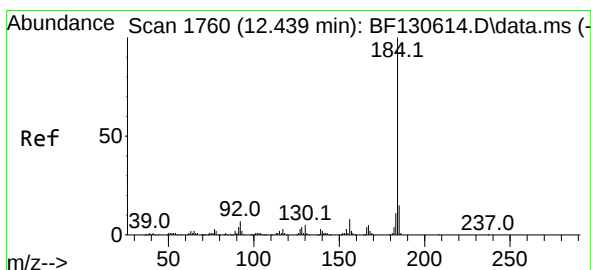
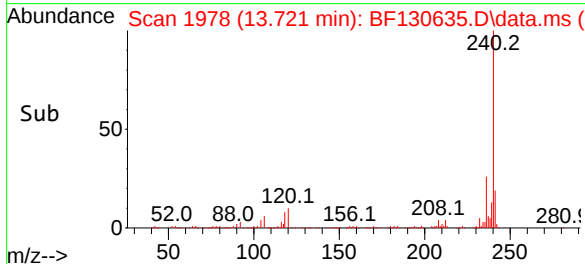
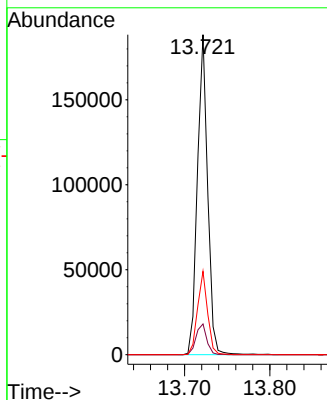
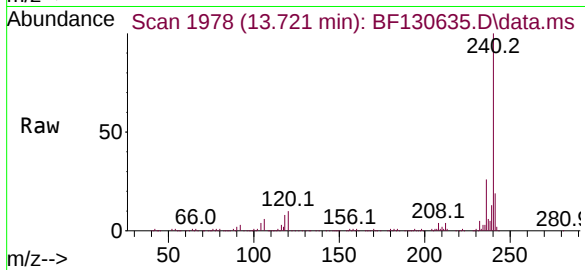
Tgt Ion:240 Resp: 157597

Ion Ratio Lower Upper

240 100

120 9.6 8.6 13.0

236 26.0 20.2 30.4



#77

Benzdine

Concen: 2.252 ng

RT: 12.439 min Scan# 1760

Delta R.T. 0.000 min

Lab File: BF130635.D

Acq: 12 Oct 2022 18:00

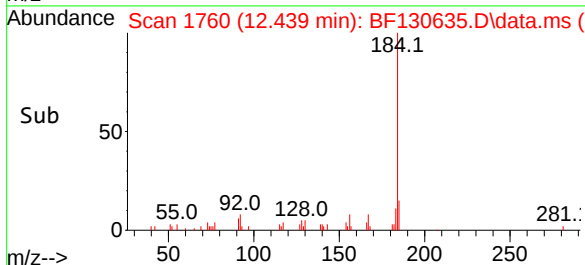
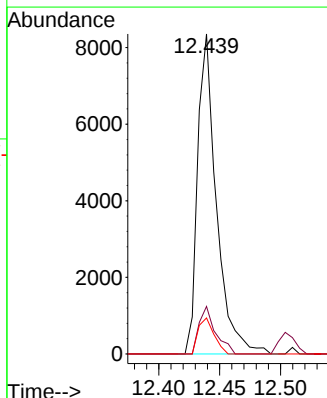
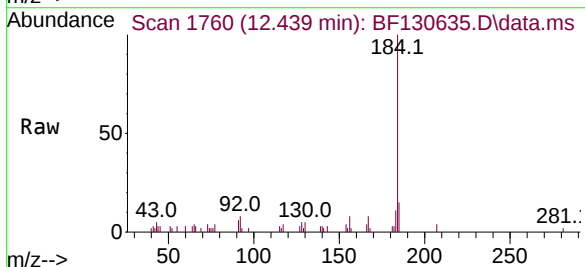
Tgt Ion:184 Resp: 8970

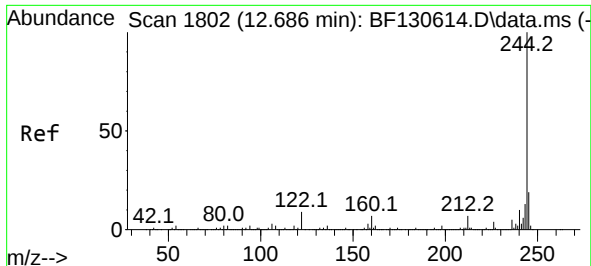
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

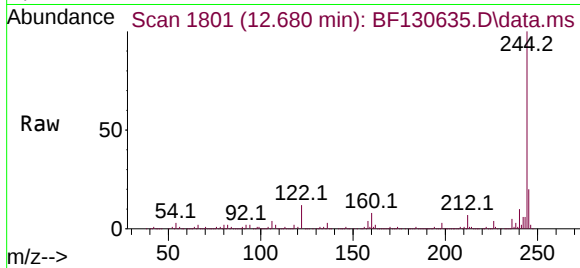
183 11.2 9.0 13.4



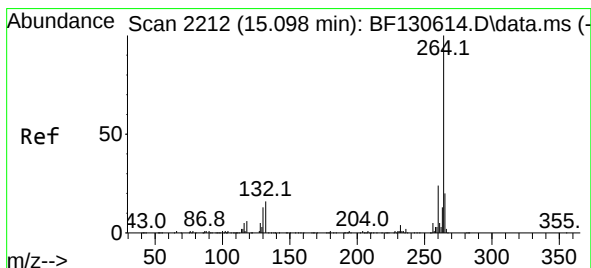
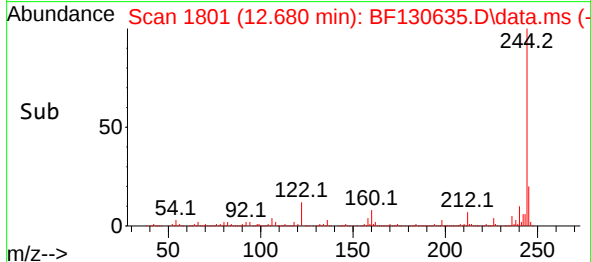
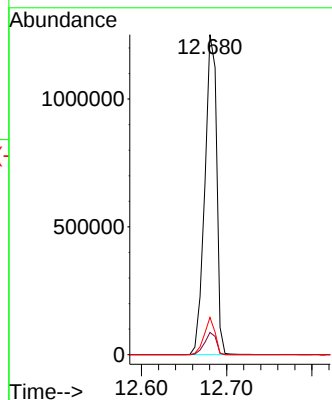


#79
 Terphenyl-d14
 Concen: 127.364 ng
 RT: 12.680 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130635.D
 Acq: 12 Oct 2022 18:00

Instrument :
 BNA_F
 ClientSampleId :
 C20(19-20)



Tgt Ion:244 Resp: 1209366
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.7 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: BF130635.D
 Acq: 12 Oct 2022 18:00

Tgt Ion:264 Resp: 153544
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.1 16.4 24.6

