

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130676.D
 Acq On : 14 Oct 2022 20:54
 Operator : CG\JU
 Sample : N5140-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Oct 17 02:23:59 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)

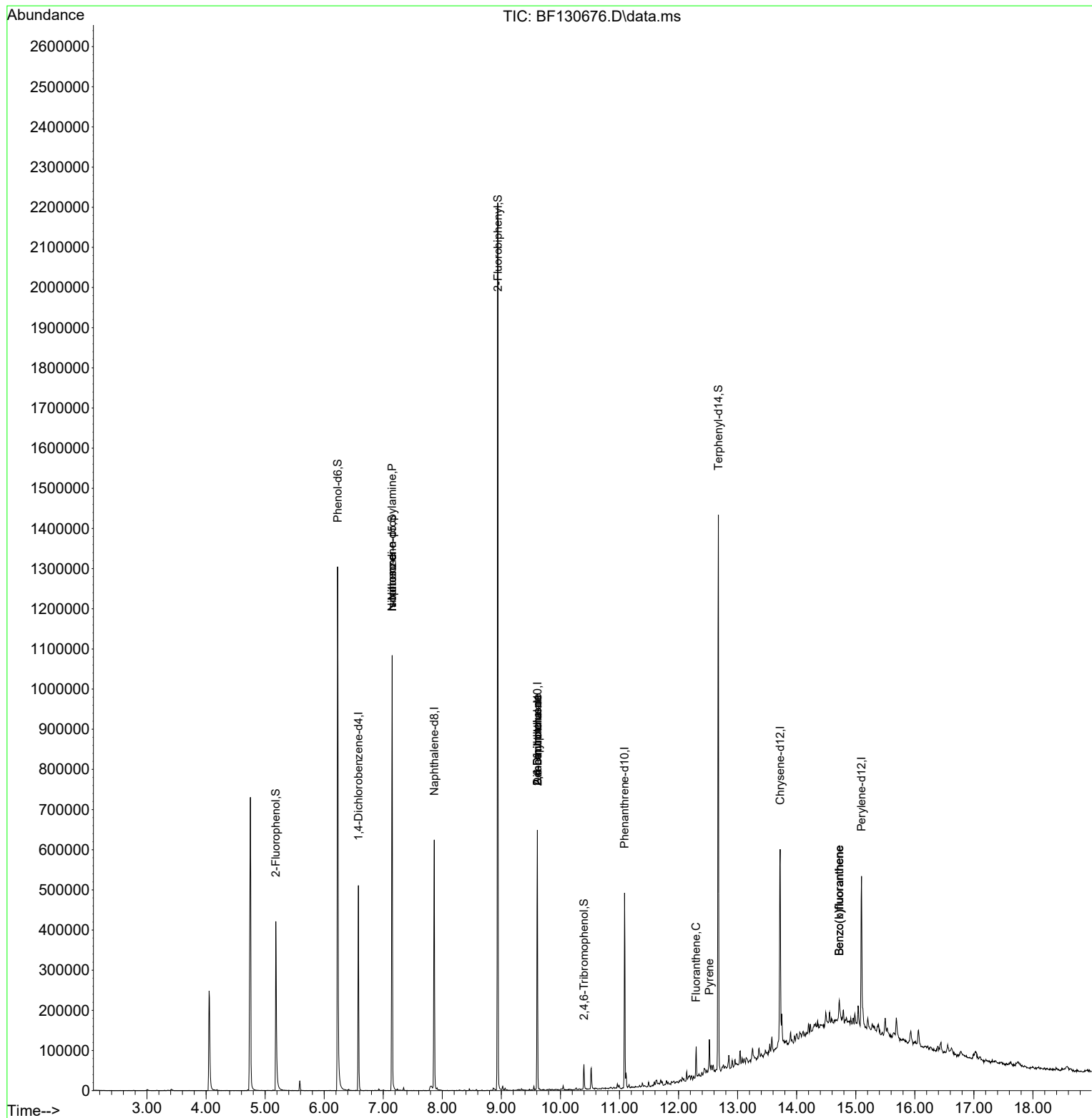
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	70867	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	263836	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	123843	20.000	ng	-0.01
64) Phenanthrene-d10	11.086	188	165340	20.000	ng	-0.01
76) Chrysene-d12	13.721	240	153725	20.000	ng	0.00
86) Perylene-d12	15.098	264	151771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	135212	34.392	ng	0.00
7) Phenol-d6	6.228	99	457328	92.521	ng	-0.01
23) Nitrobenzene-d5	7.151	82	323714	66.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	8157	6.731	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	587667	71.879	ng	-0.01
79) Terphenyl-d14	12.674	244	453271	48.939	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.151	70	43318	13.583	ng	# 77
25) Isophorone	7.151	82	323708	40.243	ng	# 64
50) Dimethylphthalate	9.610	163	22872	2.668	ng	# 1
51) 2,6-Dinitrotoluene	9.610	165	15720	8.360	ng	# 23
57) 2,4-Dinitrotoluene	9.610	165	15720	6.504	ng	# 14
75) Fluoranthene	12.298	202	29700	3.373	ng	97
78) Pyrene	12.521	202	30170	2.275	ng	99
88) Benzo(b)fluoranthene	14.721	252	31232	3.250	ng	# 89
89) Benzo(k)fluoranthene	14.721	252	31232	3.192	ng	# 88

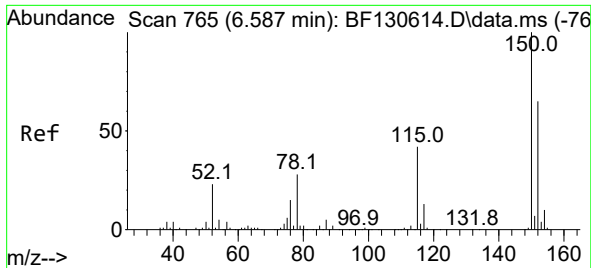
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130676.D
Acq On : 14 Oct 2022 20:54
Operator : CG\JU
Sample : N5140-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Time: Oct 17 02:23:59 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

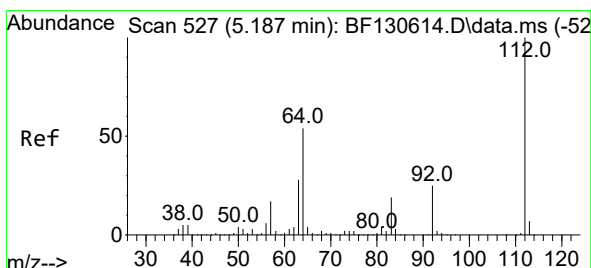
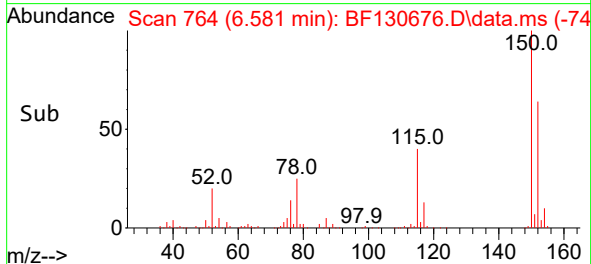
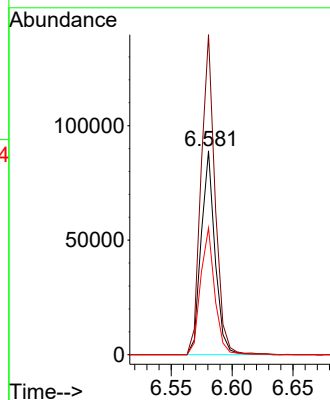
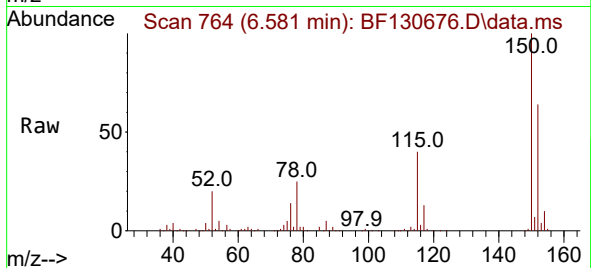




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

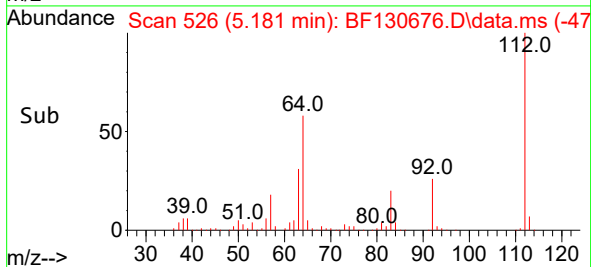
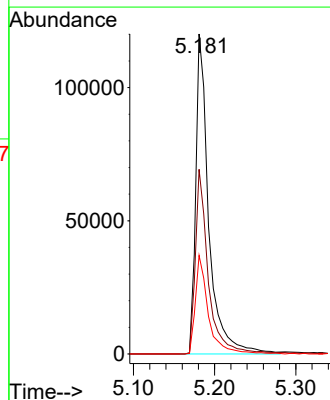
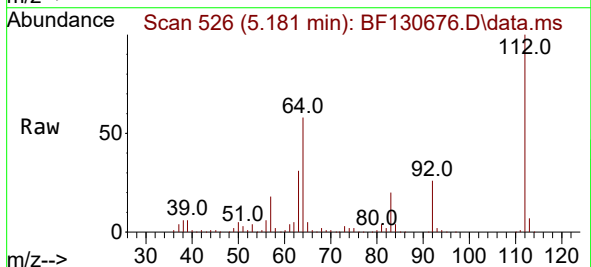
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

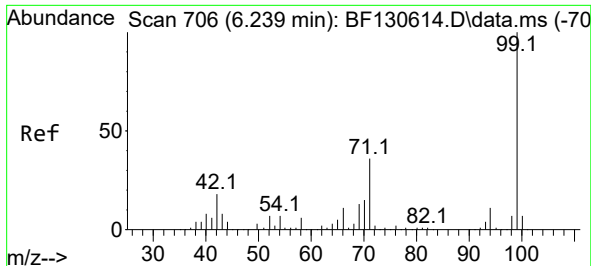
Tgt Ion:152 Resp: 70867
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 62.2 52.2 78.4



#5
2-Fluorophenol
Concen: 34.392 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Tgt Ion:112 Resp: 135212
Ion Ratio Lower Upper
112 100
64 57.7 43.5 65.3
63 30.8 22.6 34.0

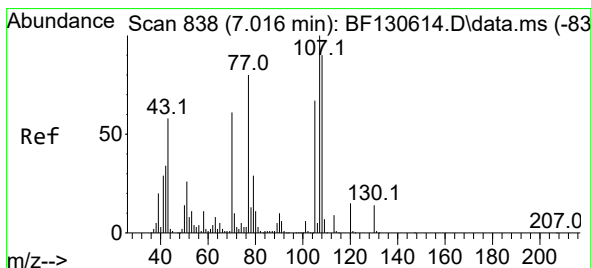
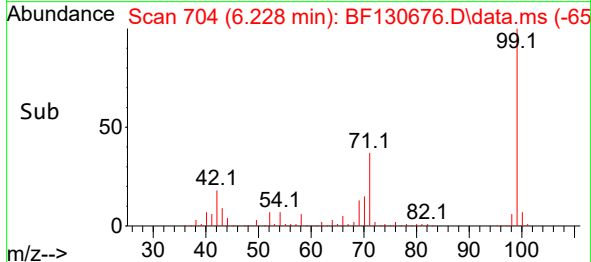
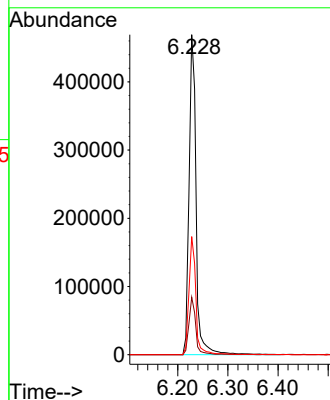
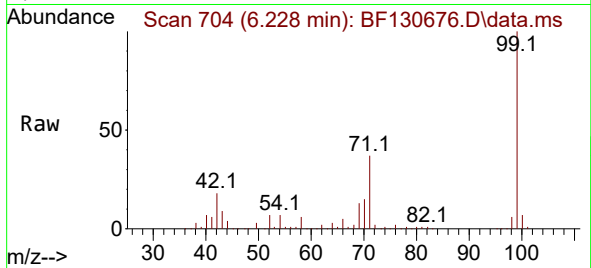




#7
Phenol-d6
Concen: 92.521 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

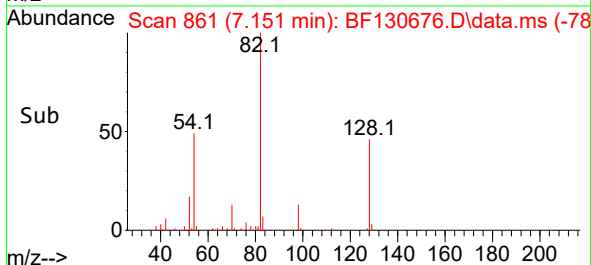
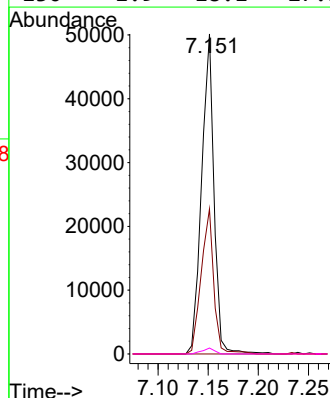
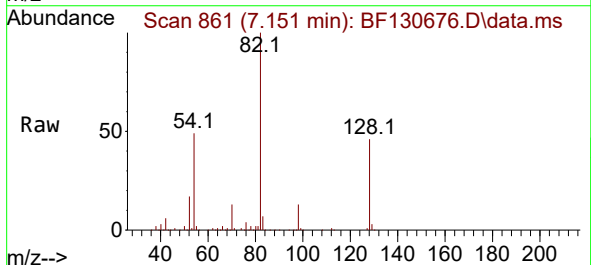
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

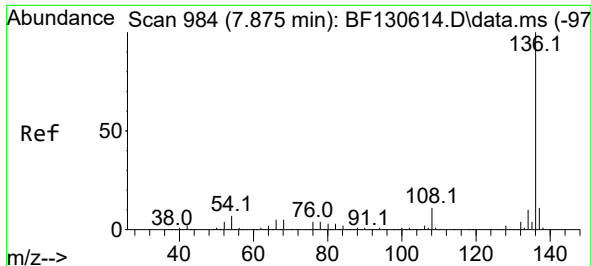
Tgt Ion: 99 Resp: 457328
Ion Ratio Lower Upper
99 100
42 18.0 14.0 21.0
71 36.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.583 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.135 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Tgt Ion: 70 Resp: 43318
Ion Ratio Lower Upper
70 100
42 45.3 44.3 66.5
101 0.0 7.9 11.9#
130 1.9 18.1 27.1#

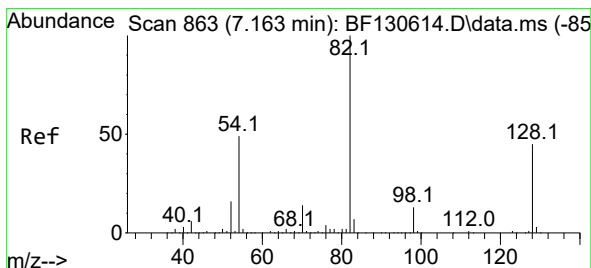
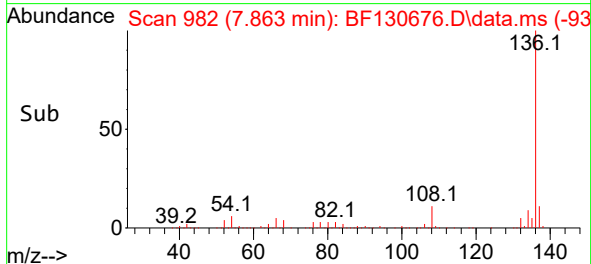
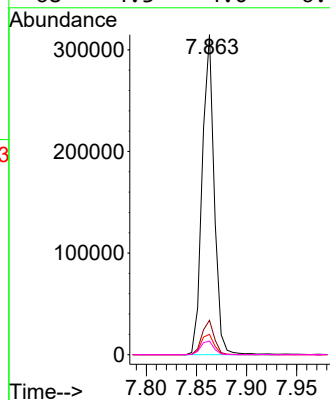
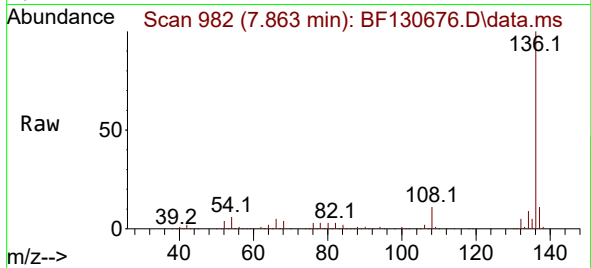




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

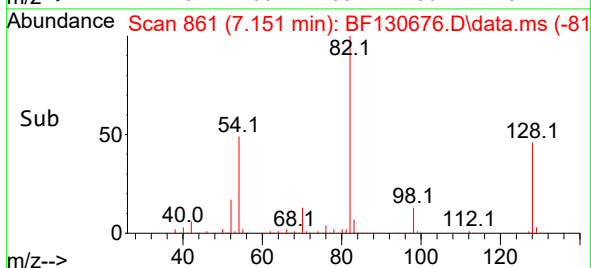
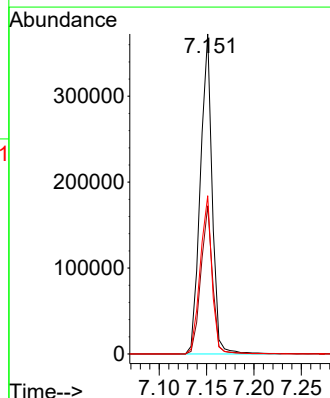
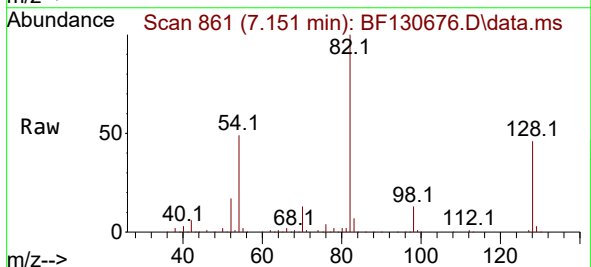
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

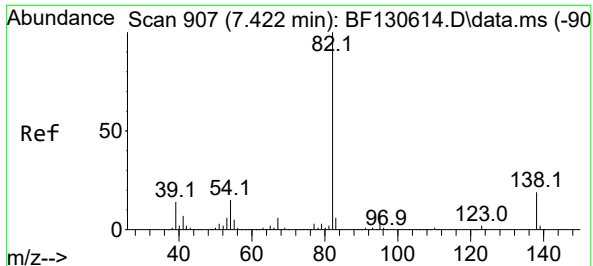
Tgt Ion:136 Resp: 263836
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.4 5.5 8.3
68 4.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 66.980 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Tgt Ion: 82 Resp: 323714
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 49.4 39.3 58.9

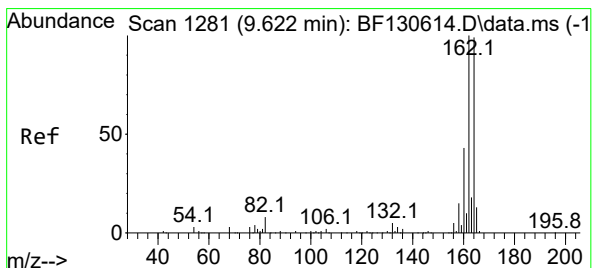
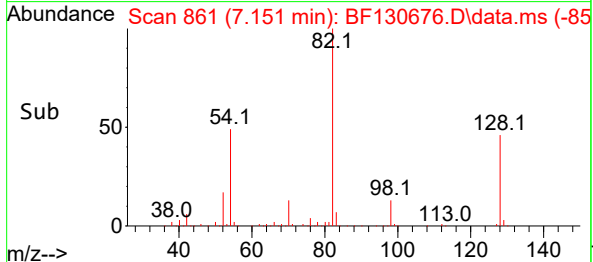
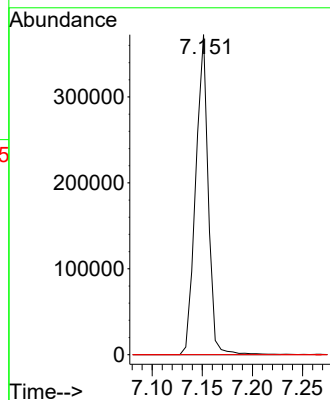
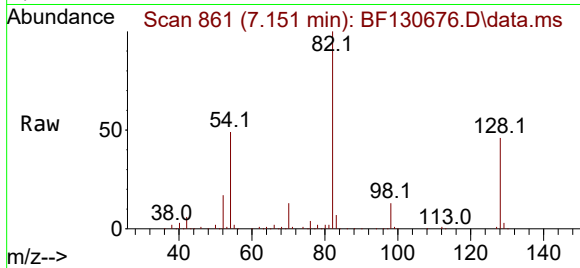




#25
Isophorone
Concen: 40.243 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

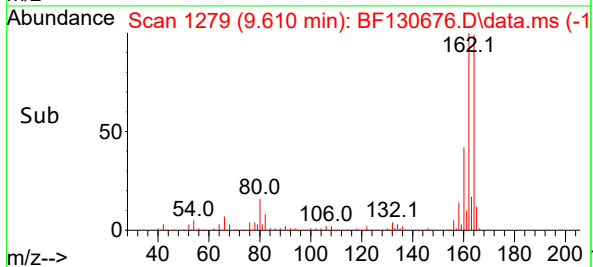
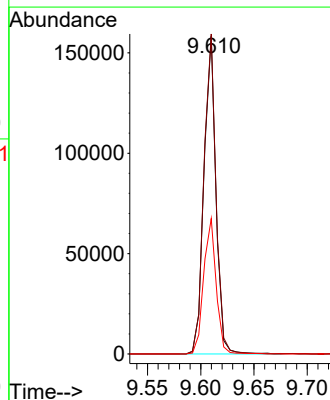
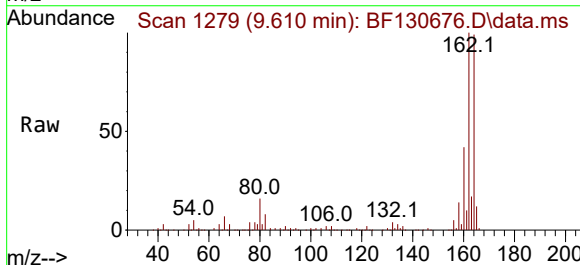
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

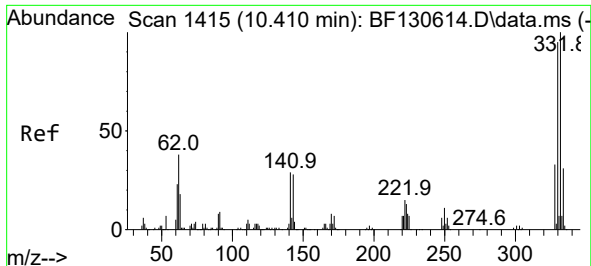
Tgt Ion: 82 Resp: 323708
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Tgt Ion:164 Resp: 123843
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 42.6 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 6.731 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

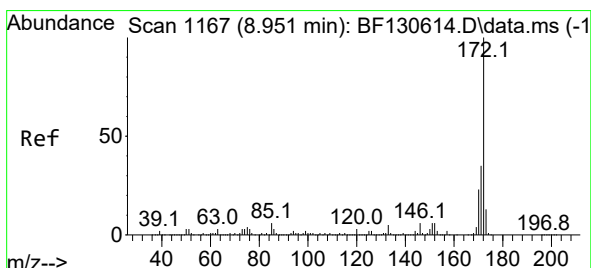
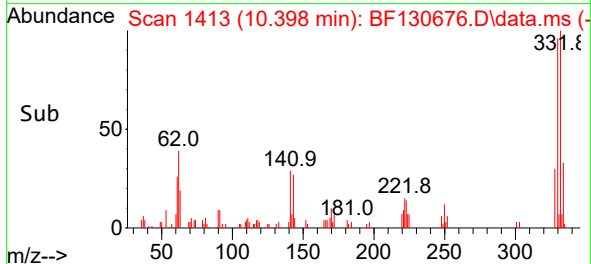
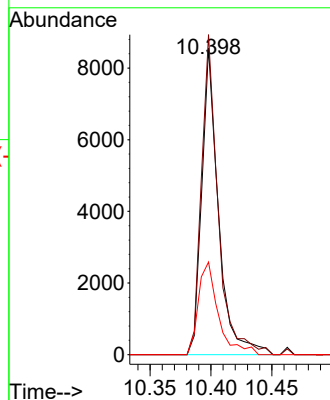
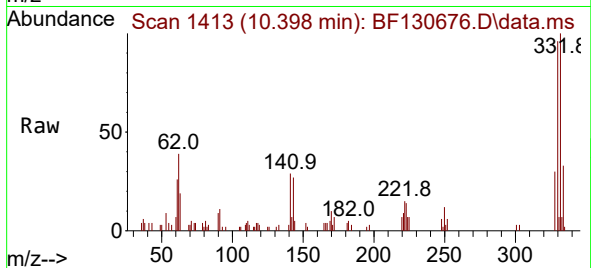
Tgt Ion:330 Resp: 8157

Ion Ratio Lower Upper

330 100

332 104.1 84.2 126.4

141 36.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 71.879 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

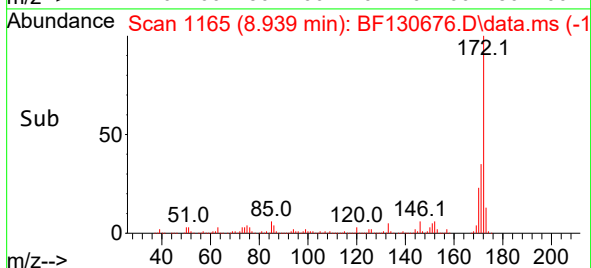
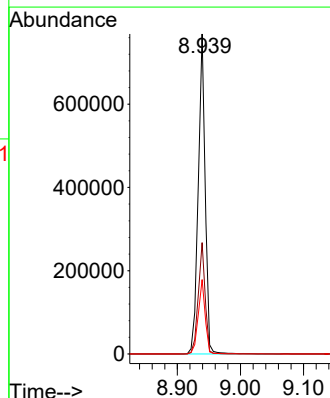
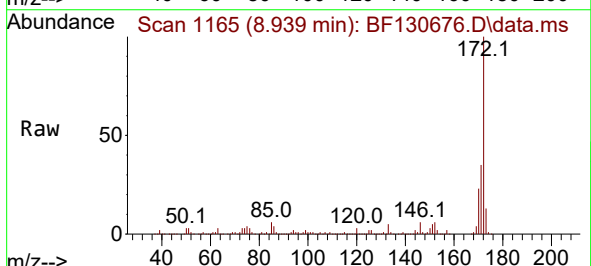
Tgt Ion:172 Resp: 587667

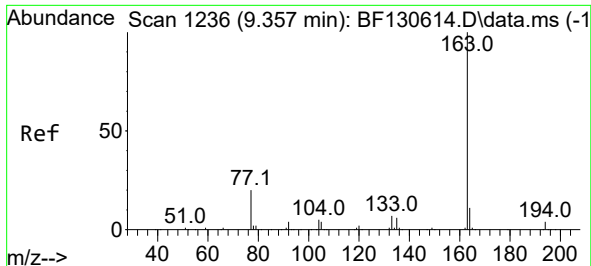
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.3 18.6 27.8

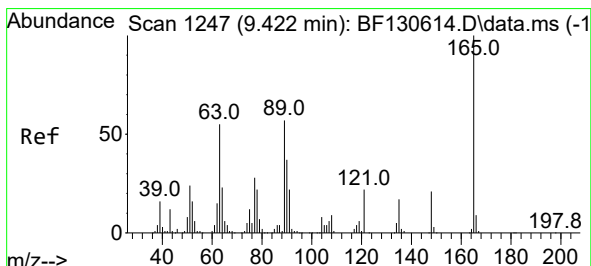
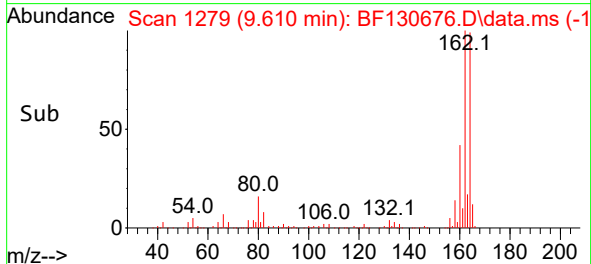
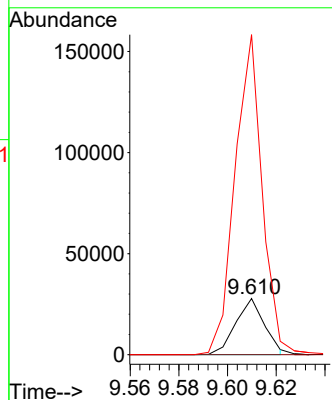
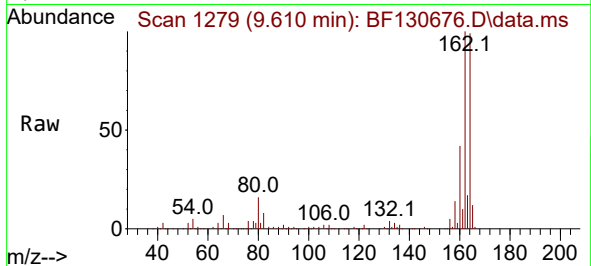




#50
Dimethylphthalate
Concen: 2.668 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.253 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

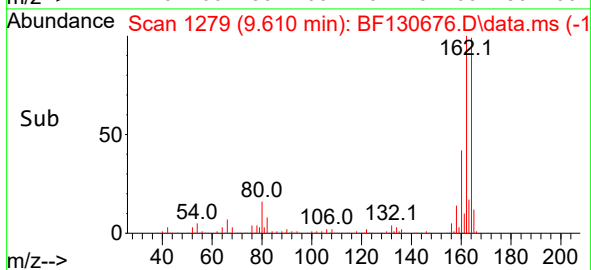
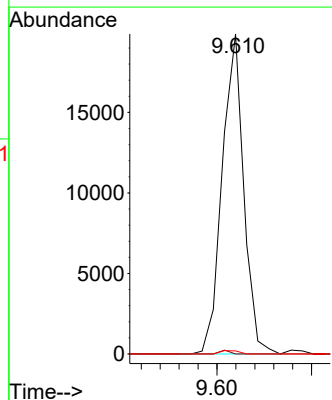
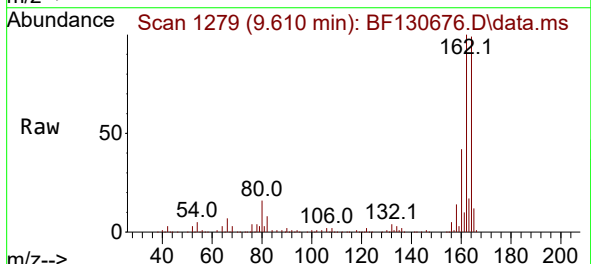
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

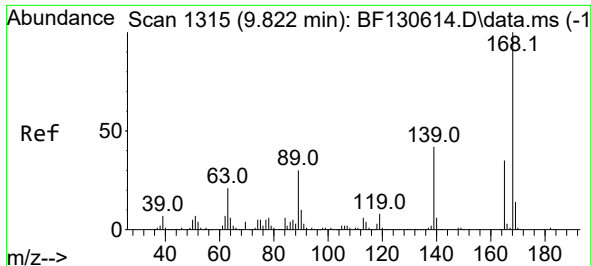
Tgt Ion:163 Resp: 22872
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 569.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.188 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

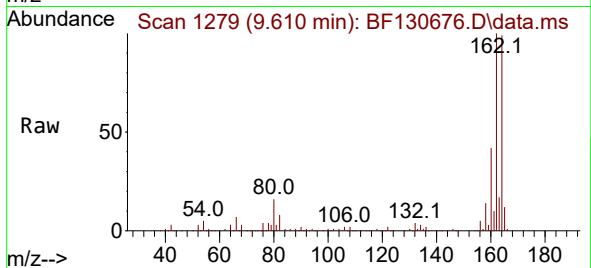
Tgt Ion:165 Resp: 15720
Ion Ratio Lower Upper
165 100
63 0.0 45.3 67.9#
89 1.0 45.6 68.4#



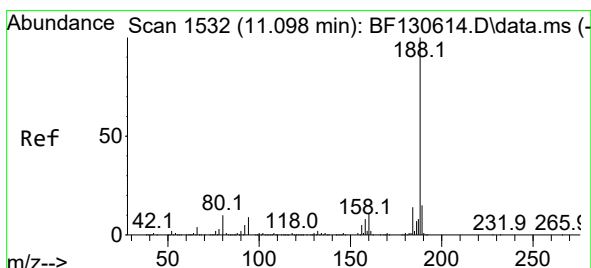
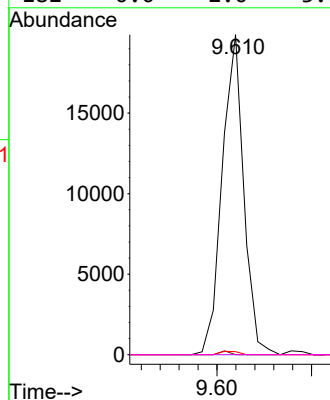
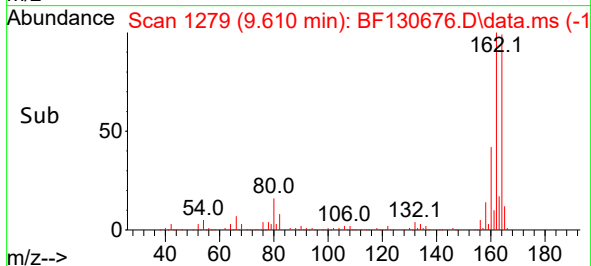


#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

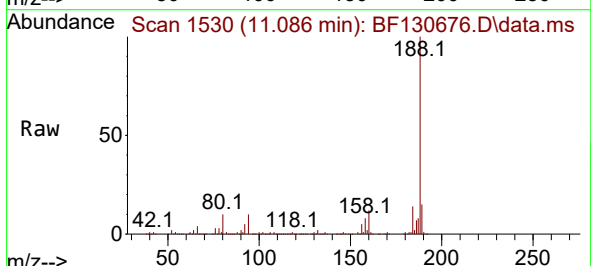
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP



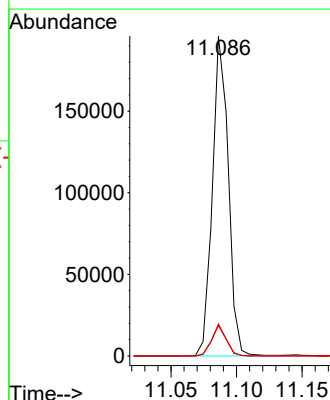
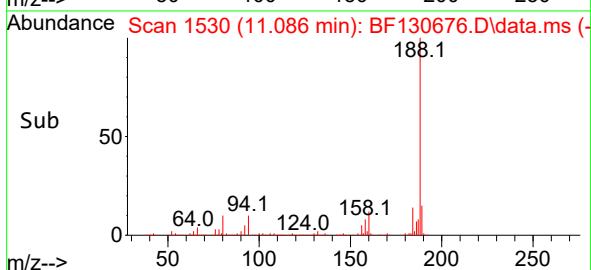
Tgt Ion:165 Resp: 15720
Ion Ratio Lower Upper
165 100
63 0.0 50.6 76.0#
89 1.0 68.6 102.8#
182 0.0 2.0 3.0#

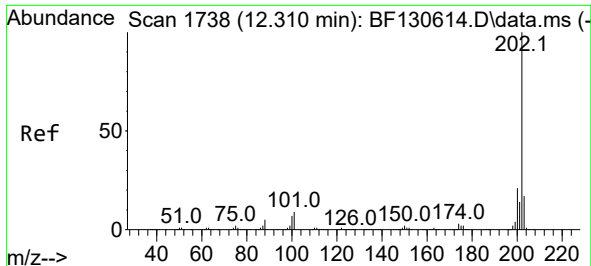


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54



Tgt Ion:188 Resp: 165340
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.0 12.0

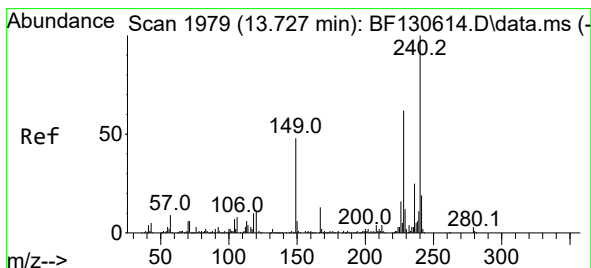
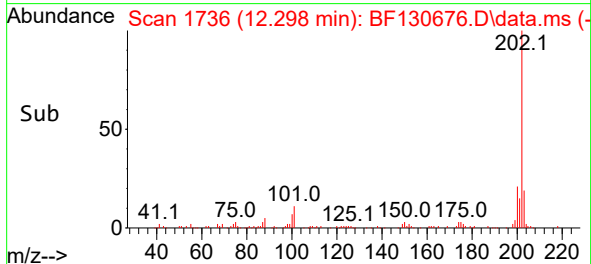
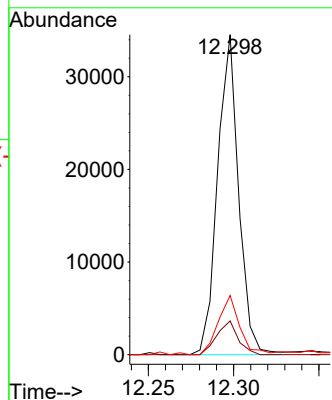
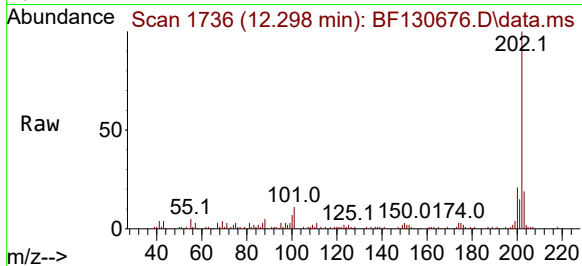




#75
Fluoranthene
Concen: 3.373 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

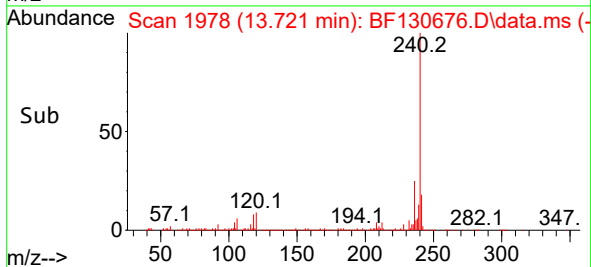
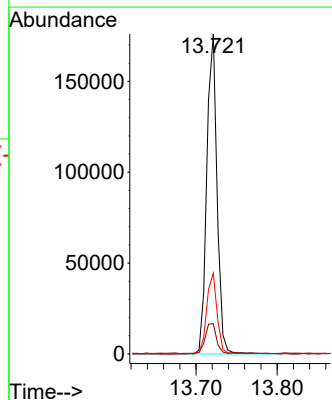
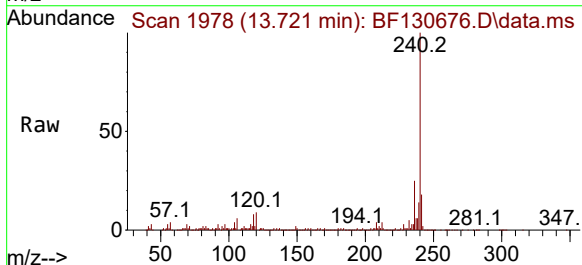
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

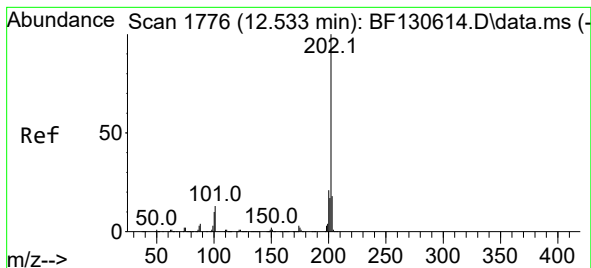
Tgt Ion:202 Resp: 29700
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.1
203 18.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130676.D
Acq: 14 Oct 2022 20:54

Tgt Ion:240 Resp: 153725
Ion Ratio Lower Upper
240 100
120 9.4 8.6 13.0
236 25.2 20.2 30.4





#78

Pyrene

Concen: 2.275 ng

RT: 12.521 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

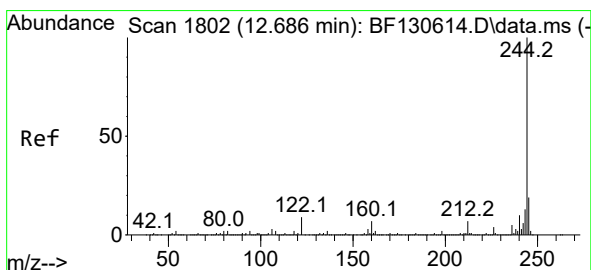
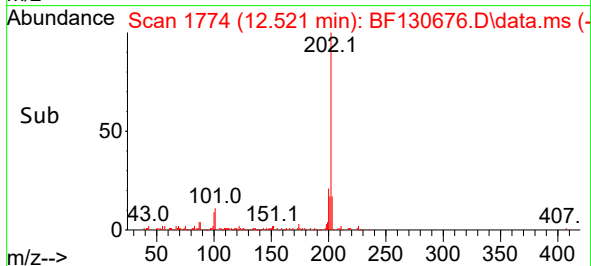
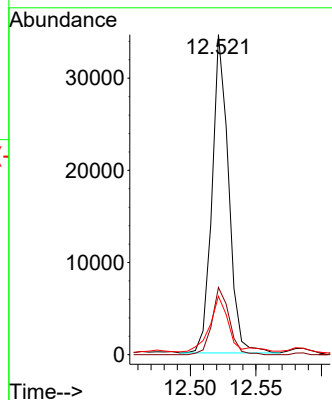
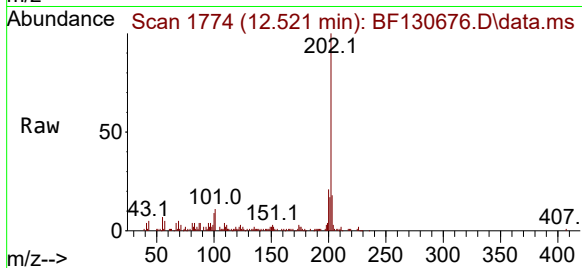
Tgt Ion:202 Resp: 30170

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 18.3 14.0 21.0



#79

Terphenyl-d14

Concen: 48.939 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.012 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

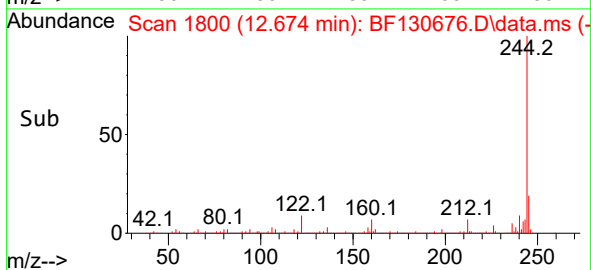
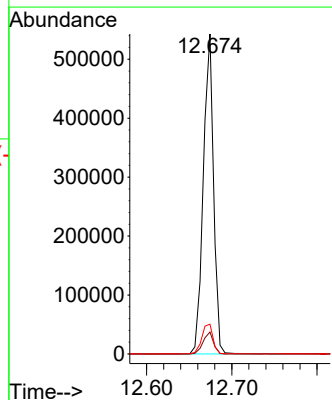
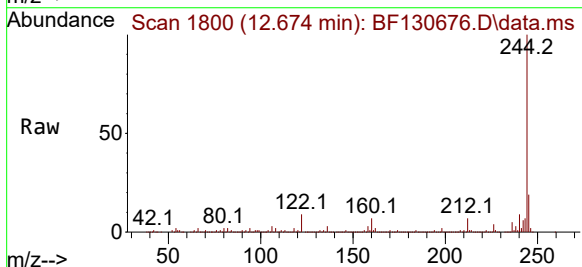
Tgt Ion:244 Resp: 453271

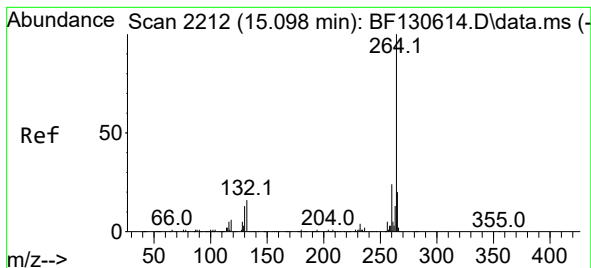
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 9.3 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

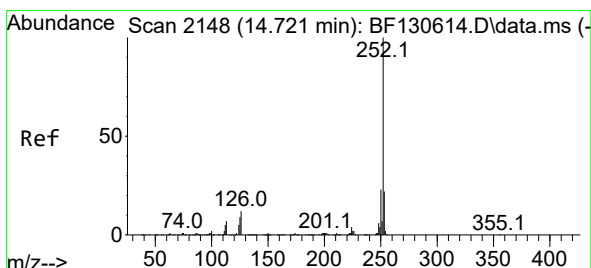
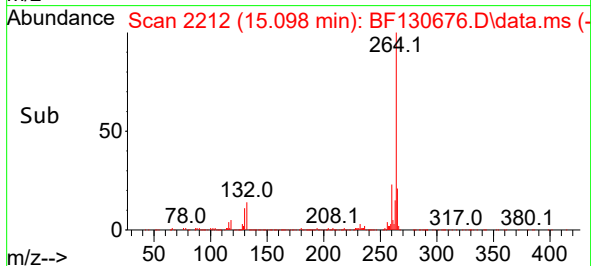
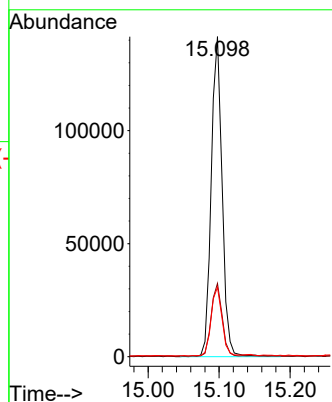
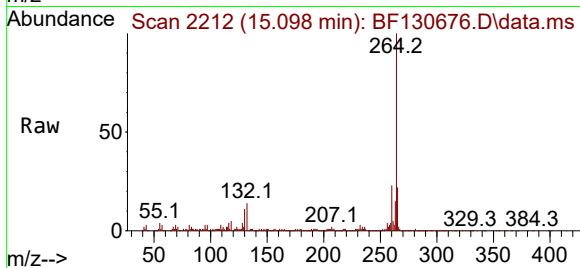
Tgt Ion:264 Resp: 151771

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.7 16.4 24.6



#88

Benzo(b)fluoranthene

Concen: 3.250 ng

RT: 14.721 min Scan# 2148

Delta R.T. -0.000 min

Lab File: BF130676.D

Acq: 14 Oct 2022 20:54

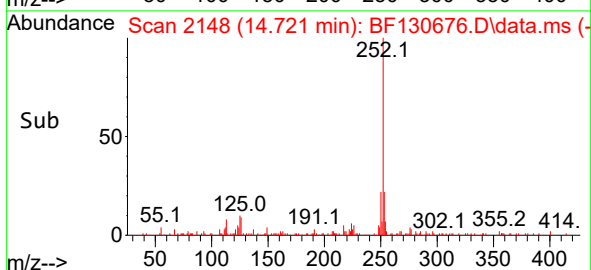
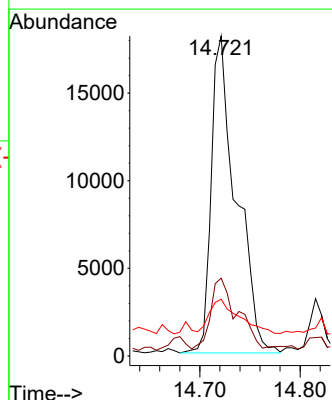
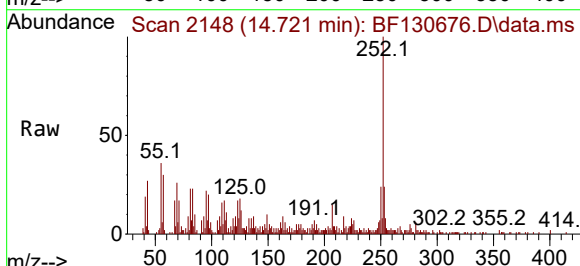
Tgt Ion:252 Resp: 31232

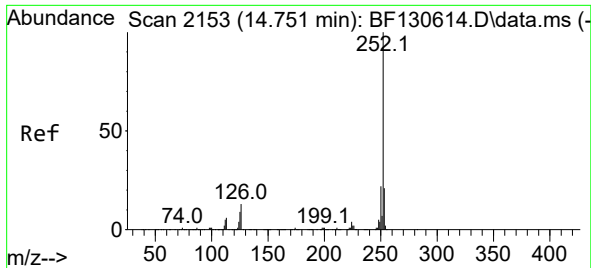
Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

125 17.7 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 3.192 ng

RT: 14.721 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF130676.D

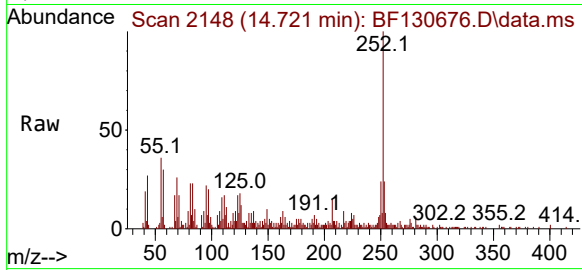
Acq: 14 Oct 2022 20:54

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP



Tgt Ion:252 Resp: 31232

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.4

125 17.7 7.2 10.8#

