

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134040.D
 Acq On : 29 Jun 2023 16:55
 Operator : CG\JU
 Sample : 03361-12DL 4X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMPDL

Quant Time: Jun 30 05:59:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

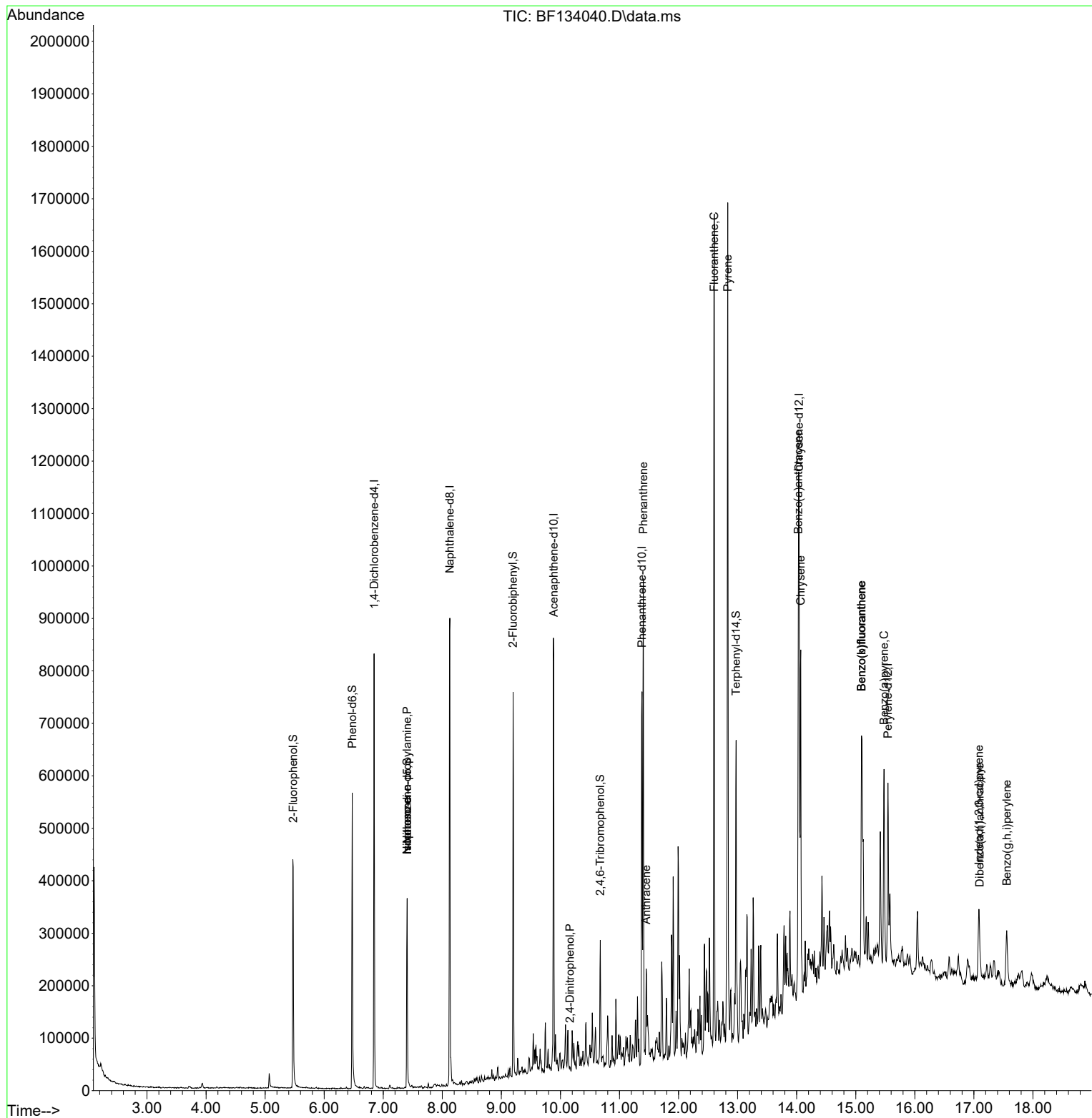
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	110236	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400211	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	166582	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	272185	20.000	ng	0.00
76) Chrysene-d12	14.039	240	205372	20.000	ng	0.00
86) Perylene-d12	15.545	264	173297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	127863	19.402	ng	0.00
7) Phenol-d6	6.475	99	159433	19.672	ng	-0.02
23) Nitrobenzene-d5	7.404	82	104153	14.029	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	23840	11.414	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	208788	18.223	ng	-0.01
79) Terphenyl-d14	12.974	244	187557	14.698	ng	0.00
Target Compounds						
9) Benzaldehyde	6.398	77	78	Below Cal	Qvalue	# 42
19) n-Nitroso-di-n-propyla...	7.404	70	14472	2.816	ng	# 80
25) Isophorone	7.404	82	104152	7.719	ng	# 64
54) 2,4-Dinitrophenol	10.163	184	54	3.898	ng	# 1
71) Phenanthrene	11.404	178	325653	23.766	ng	99
72) Anthracene	11.451	178	69205	4.856	ng	99
75) Fluoranthene	12.604	202	659804	44.541	ng	98
78) Pyrene	12.833	202	664444	34.765	ng	99
81) Benzo(a)anthracene	14.027	228	322295	22.628	ng	98
83) Chrysene	14.068	228	281868	20.432	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	101951	8.478	ng	96
88) Benzo(b)fluoranthene	15.098	252	361144	35.441	ng	99
89) Benzo(k)fluoranthene	15.098	252	361144	34.809	ng	98
90) Benzo(a)pyrene	15.480	252	190905	19.374	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	26966	2.745	ng	# 81
92) Benzo(g,h,i)perylene	17.557	276	95045	9.384	ng	96

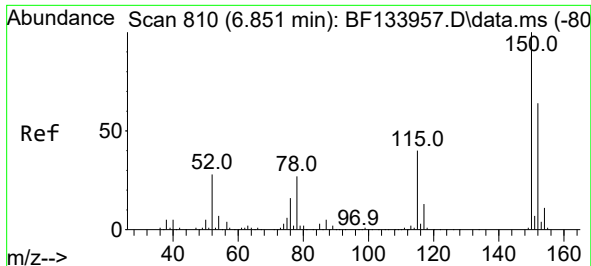
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134040.D
Acq On : 29 Jun 2023 16:55
Operator : CG\JU
Sample : 03361-12DL 4X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

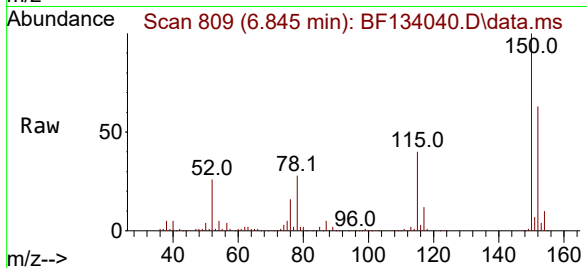
Quant Time: Jun 30 05:59:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration



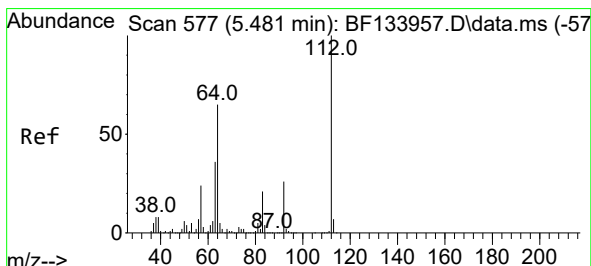
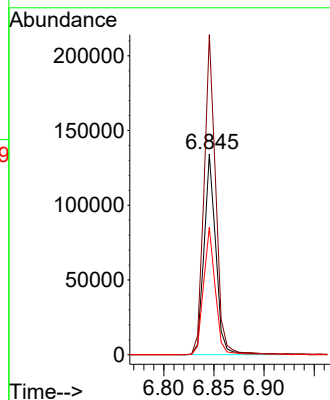
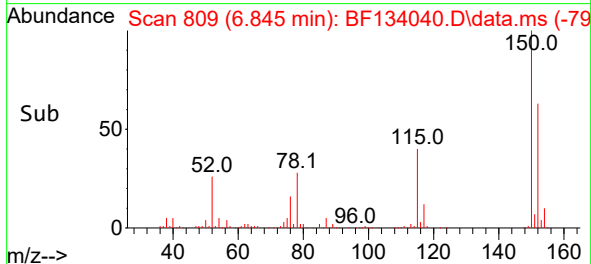


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

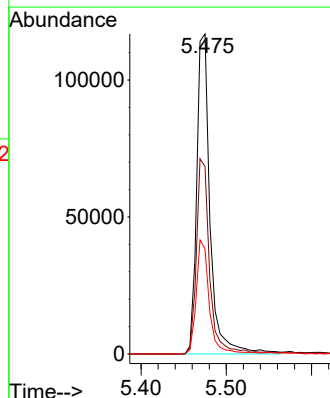
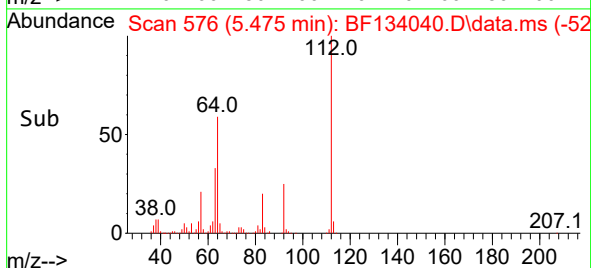
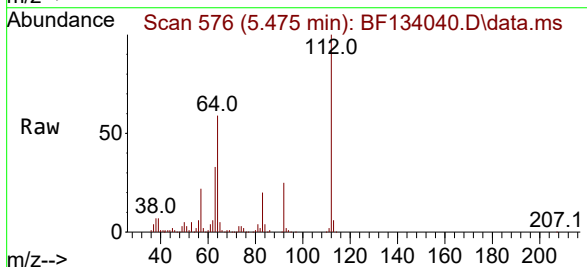


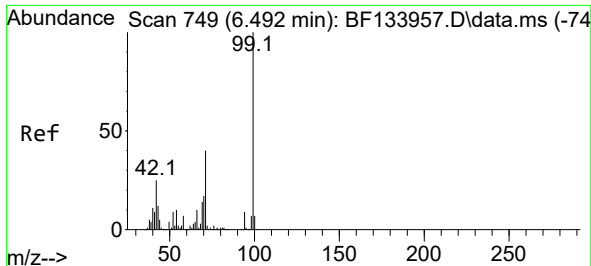
Tgt Ion:152 Resp: 110236
Ion Ratio Lower Upper
152 100
150 159.6 124.5 186.7
115 63.6 50.2 75.2



#5
2-Fluorophenol
Concen: 19.402 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:112 Resp: 127863
Ion Ratio Lower Upper
112 100
64 58.6 52.1 78.1
63 32.8 28.6 42.8

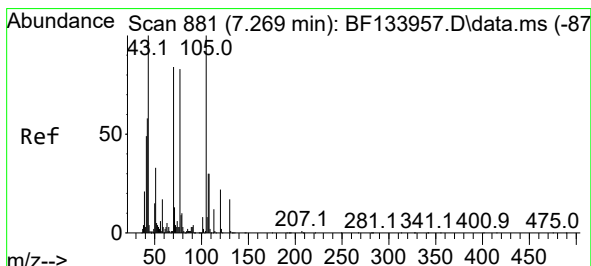
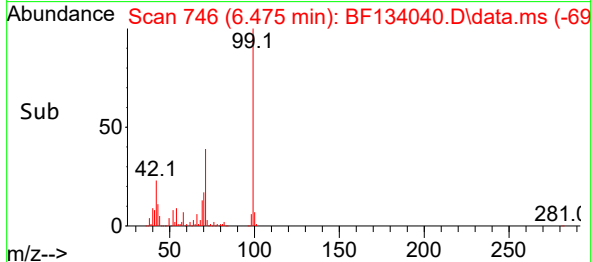
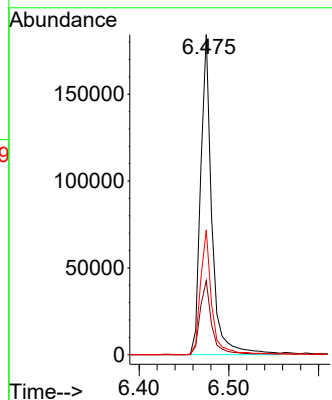
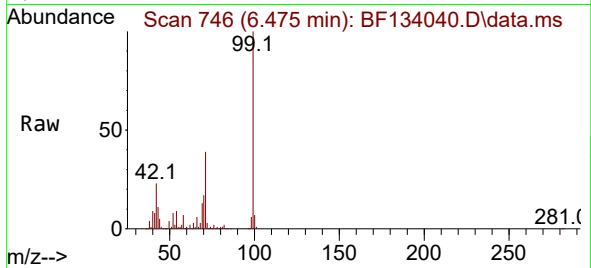




#7
Phenol-d6
Concen: 19.672 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

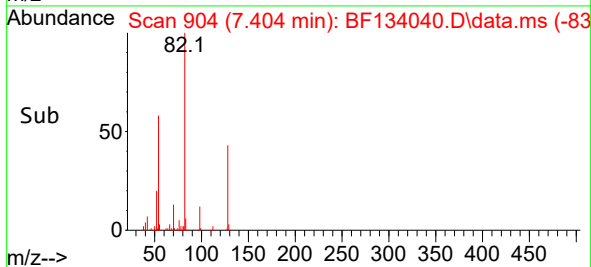
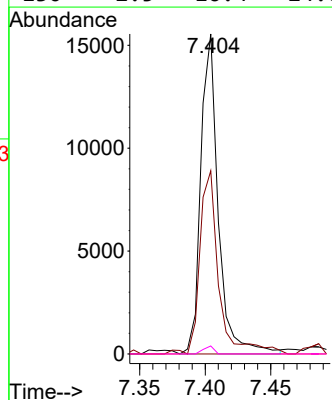
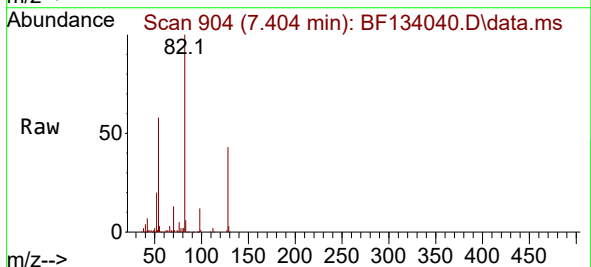
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

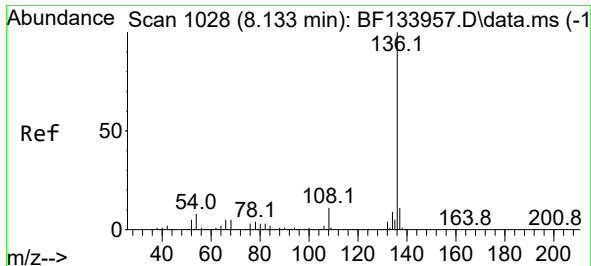
Tgt Ion: 99 Resp: 159433
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 39.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 2.816 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion: 70 Resp: 14472
Ion Ratio Lower Upper
70 100
42 57.2 54.7 82.1
101 0.0 7.7 11.5#
130 2.5 16.4 24.6#

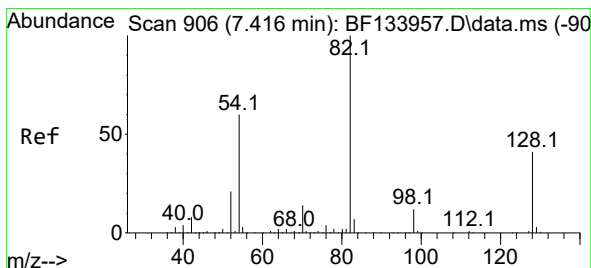
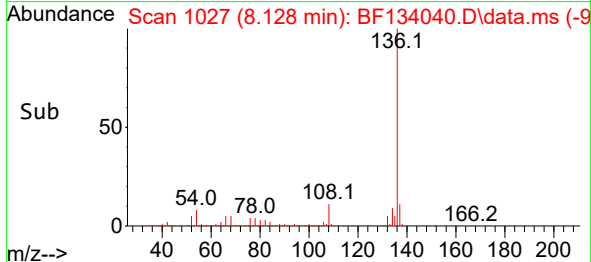
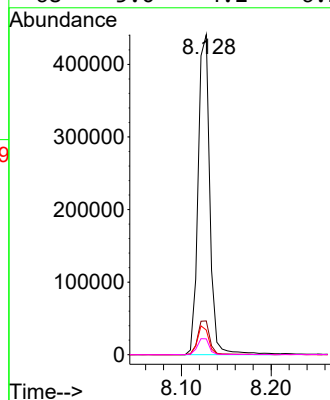
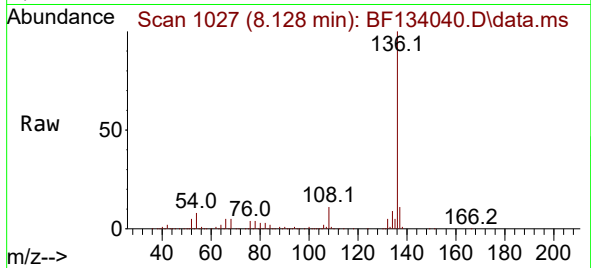




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

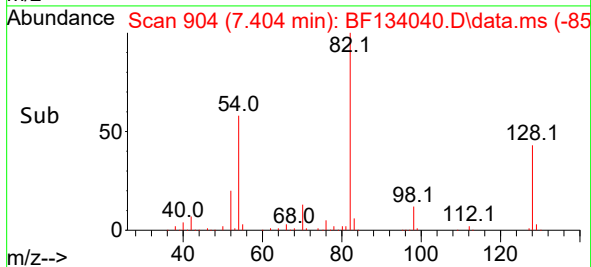
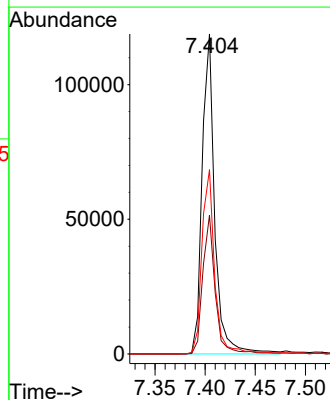
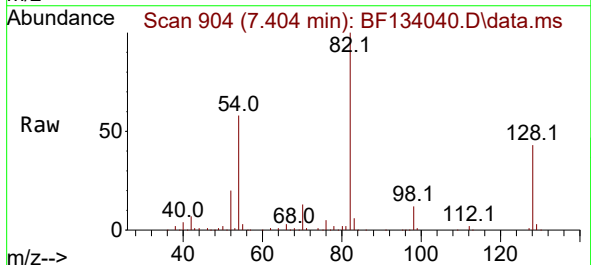
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

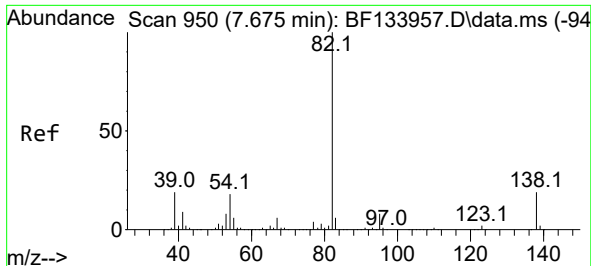
Tgt Ion:136 Resp: 400211
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.7 6.5 9.7
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 14.029 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion: 82 Resp: 104153
Ion Ratio Lower Upper
82 100
128 43.4 32.5 48.7
54 57.6 48.2 72.2

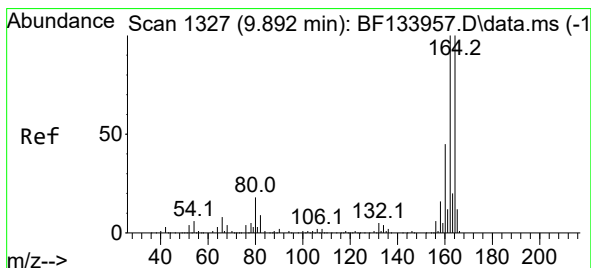
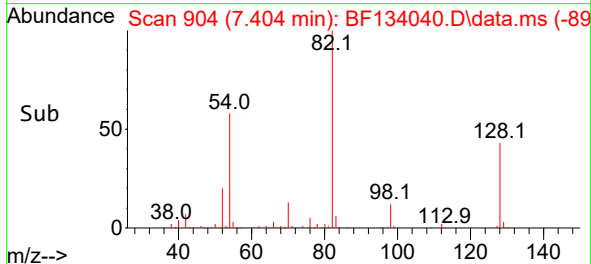
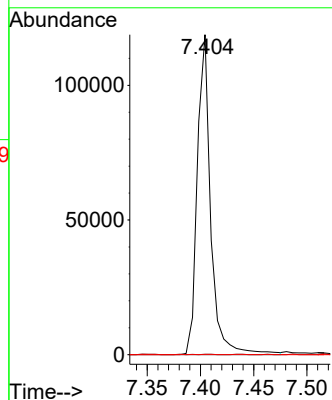
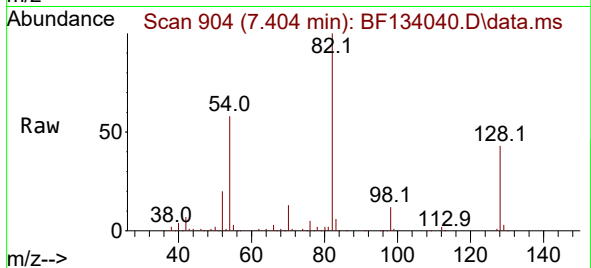




#25
Isophorone
Concen: 7.719 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

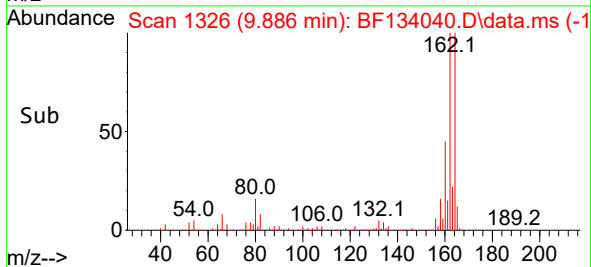
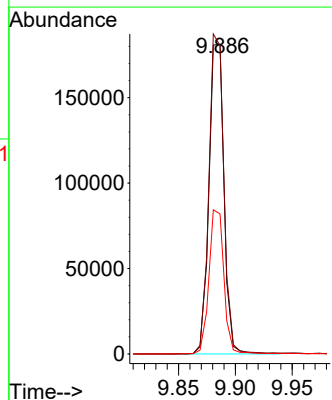
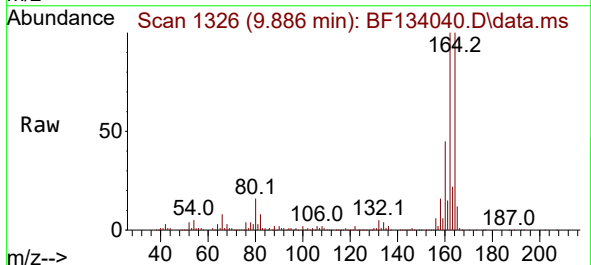
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

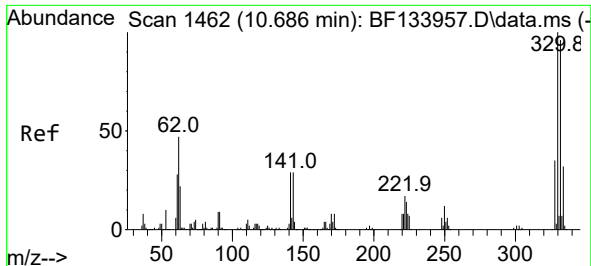
Tgt Ion: 82 Resp: 104152
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:164 Resp: 166582
Ion Ratio Lower Upper
164 100
162 99.5 80.0 120.0
160 45.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 11.414 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

Instrument :

BNA_F

ClientSampleId :

SB-06-COMPDL

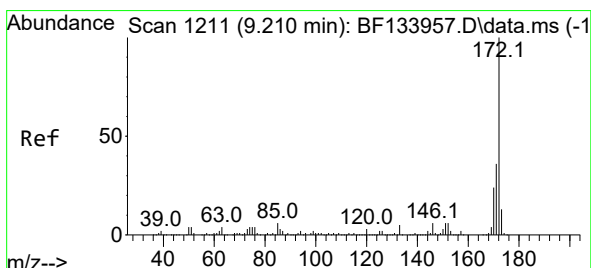
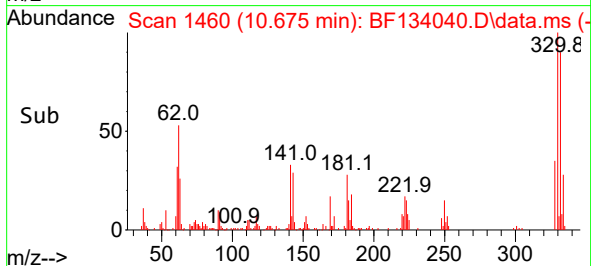
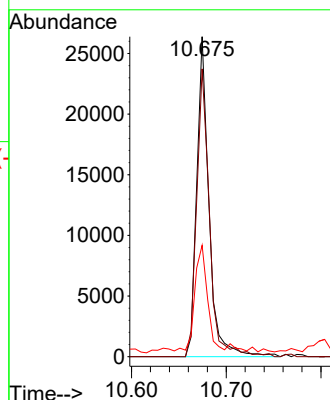
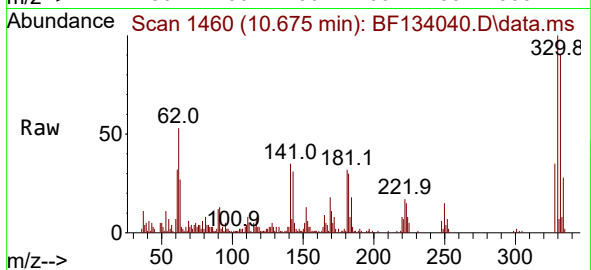
Tgt Ion:330 Resp: 23840

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

141 33.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 18.223 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

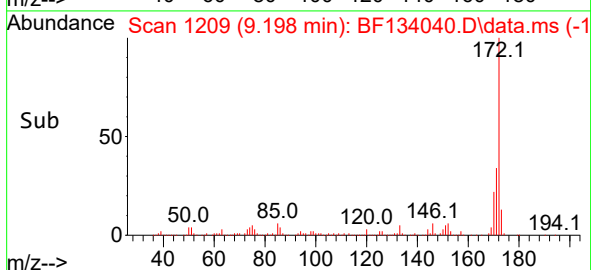
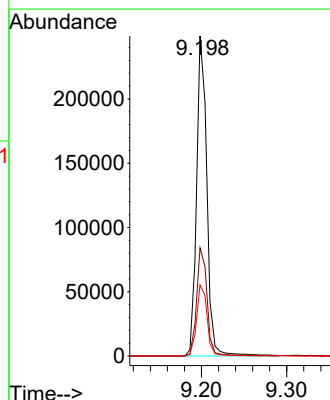
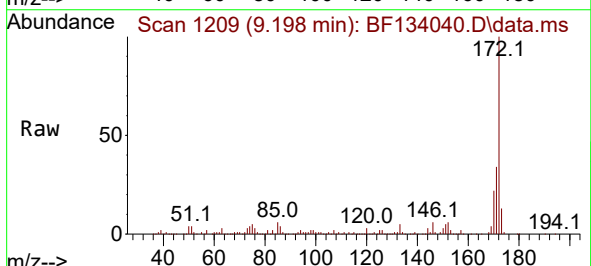
Tgt Ion:172 Resp: 208788

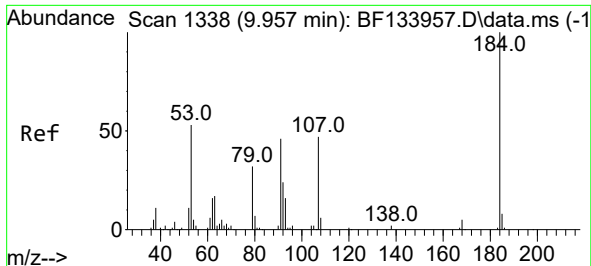
Ion Ratio Lower Upper

172 100

171 33.8 28.6 43.0

170 22.2 19.4 29.0

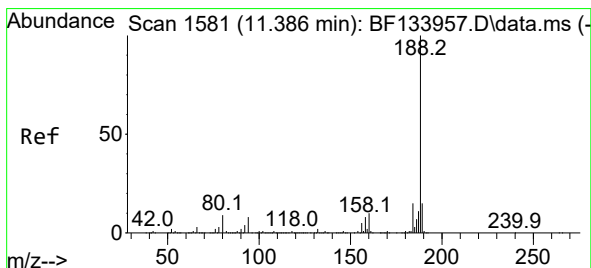
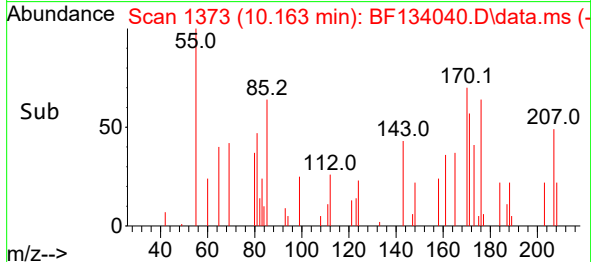
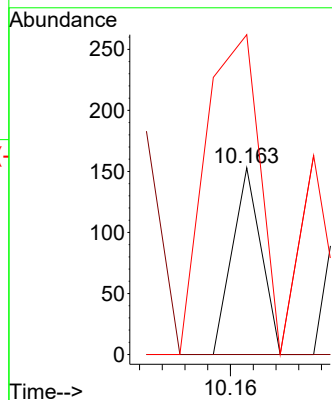
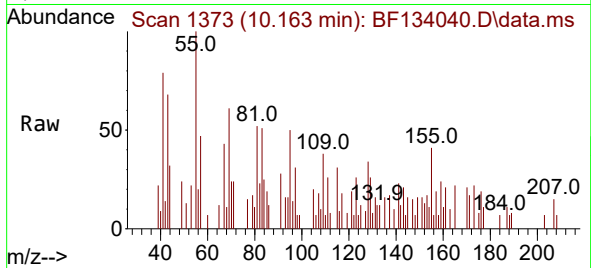




#54
2,4-Dinitrophenol
Concen: 3.898 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

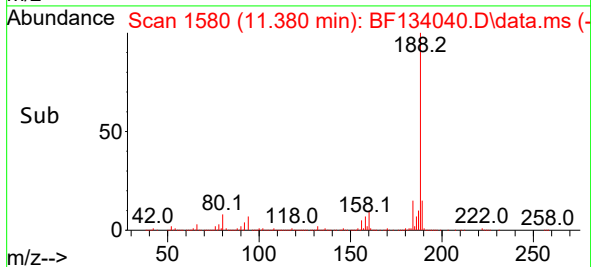
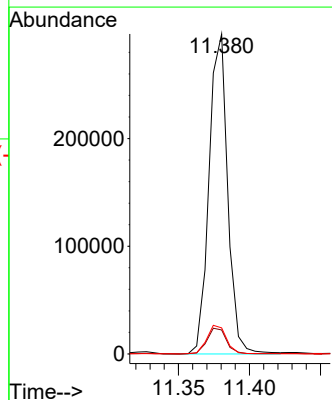
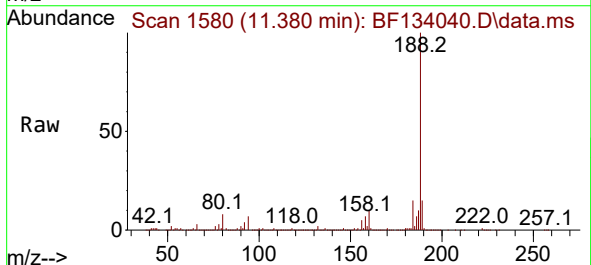
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

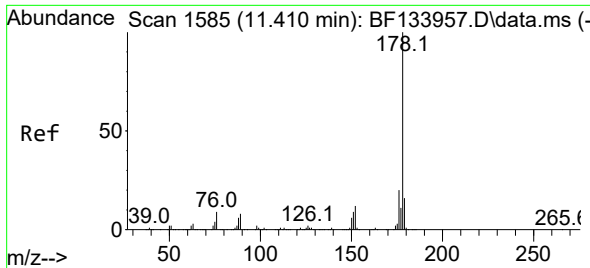
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 56.9 85.3#
154 171.2 55.4 83.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:188 Resp: 272185
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.2 7.3 10.9

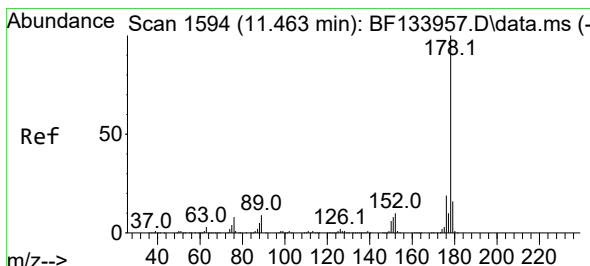
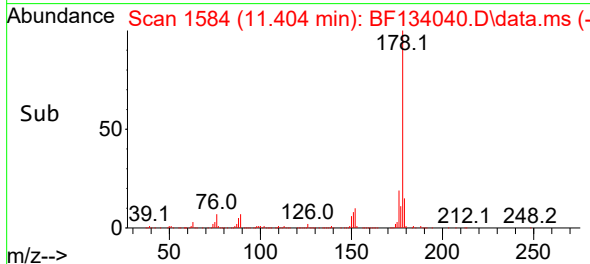
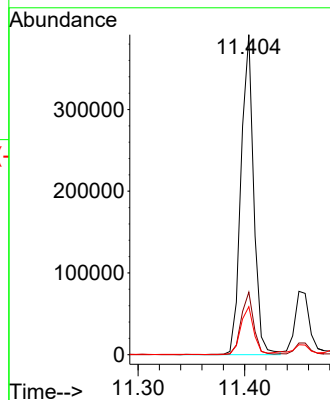
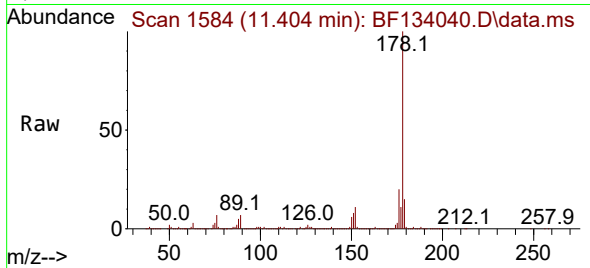




#71
Phenanthrene
Concen: 23.766 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

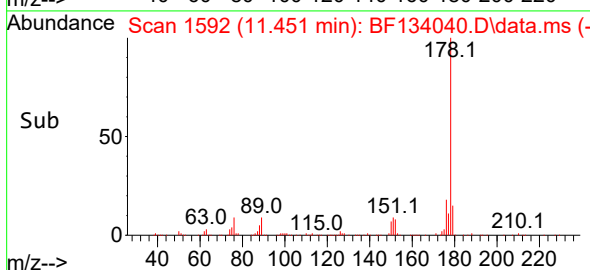
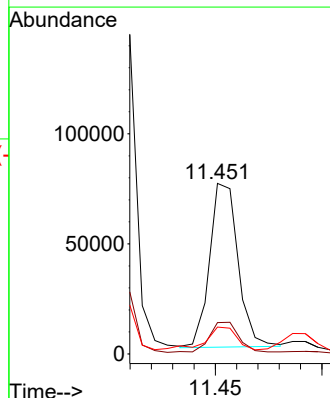
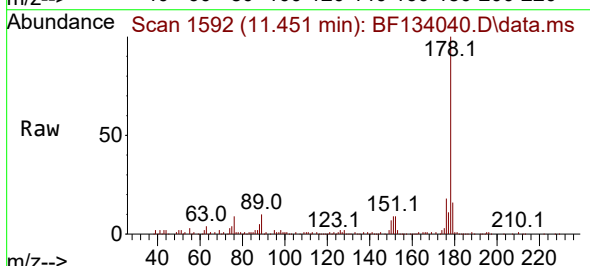
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

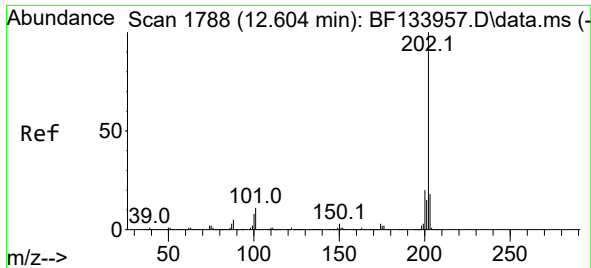
Tgt Ion:178 Resp: 325653
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.0 12.4 18.6



#72
Anthracene
Concen: 4.856 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:178 Resp: 69205
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.7 12.4 18.6

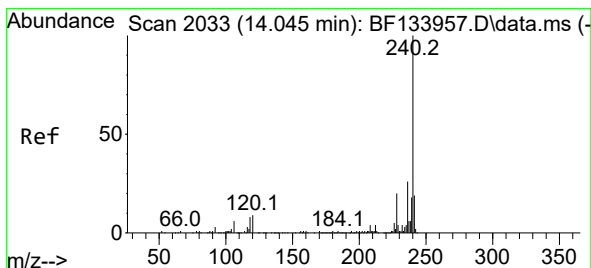
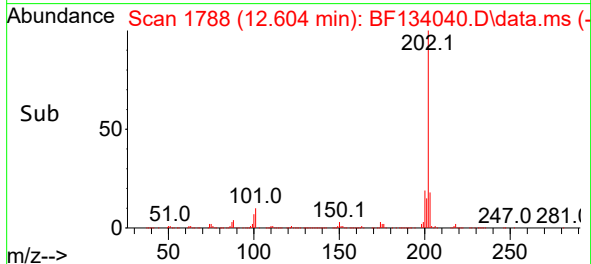
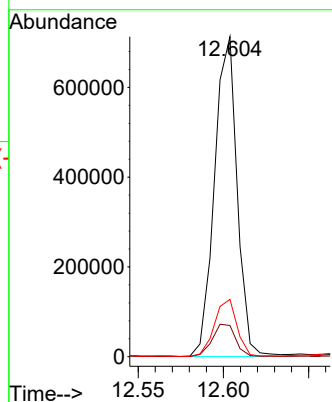
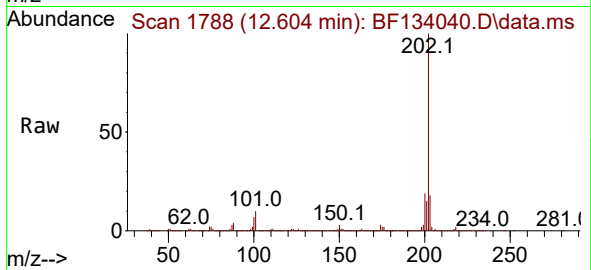




#75
Fluoranthene
Concen: 44.541 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

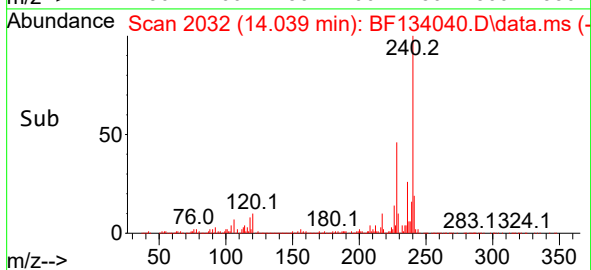
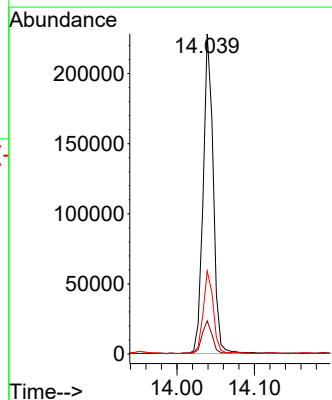
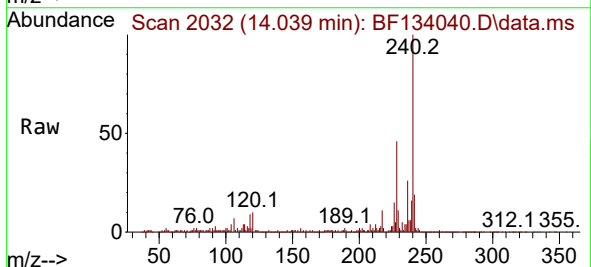
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

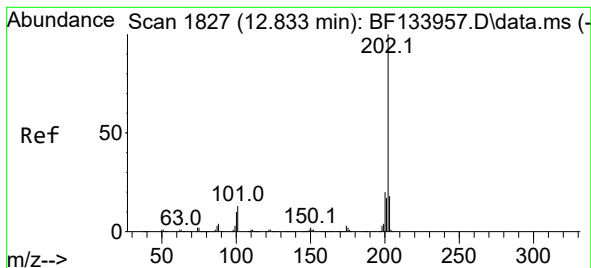
Tgt Ion:202 Resp: 659804
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:240 Resp: 205372
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 25.9 21.0 31.6





#78

Pyrene

Concen: 34.765 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

Instrument :

BNA_F

ClientSampleId :

SB-06-COMPDL

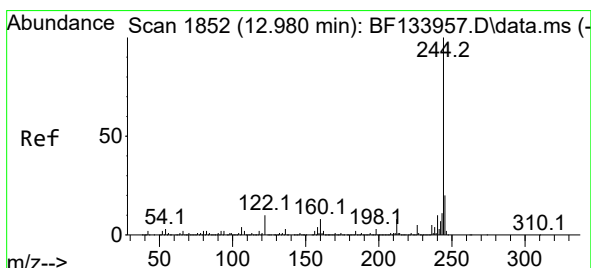
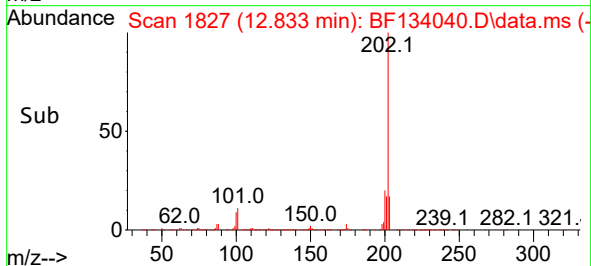
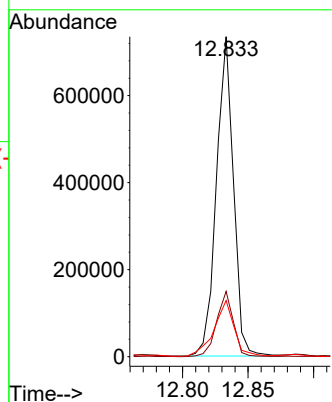
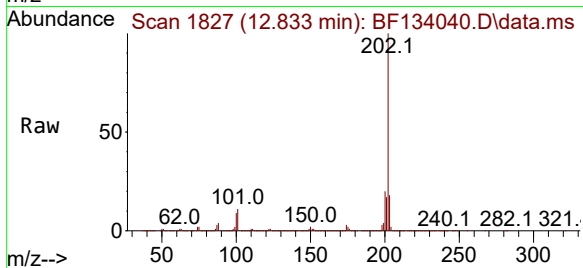
Tgt Ion:202 Resp: 664444

Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.6 14.3 21.5



#79

Terphenyl-d14

Concen: 14.698 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

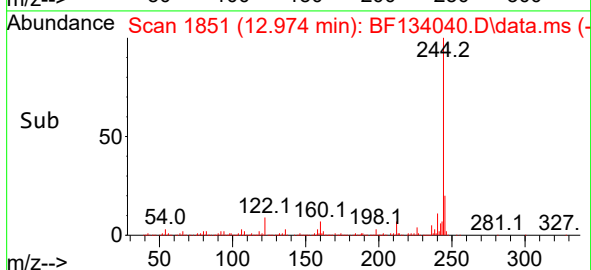
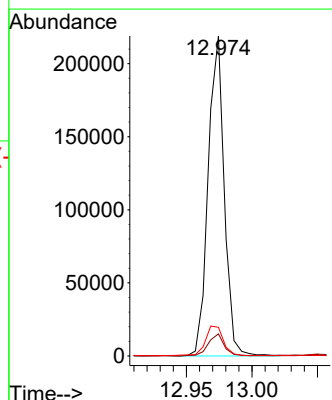
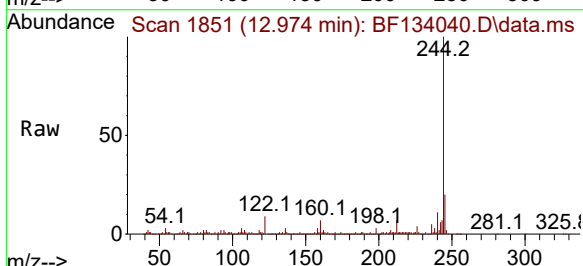
Tgt Ion:244 Resp: 187557

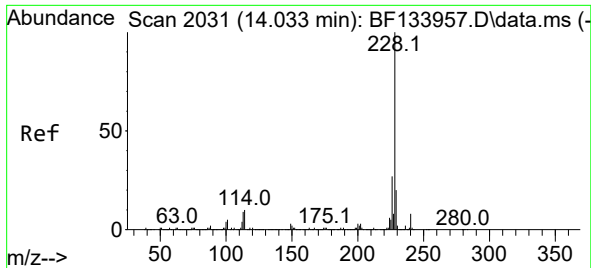
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.0 8.3 12.5

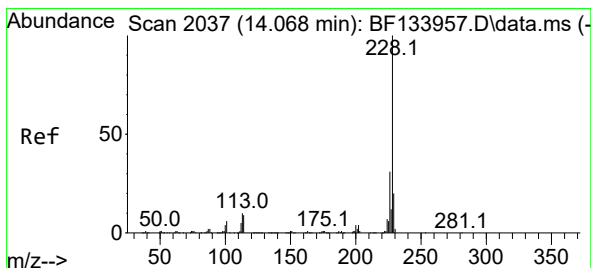
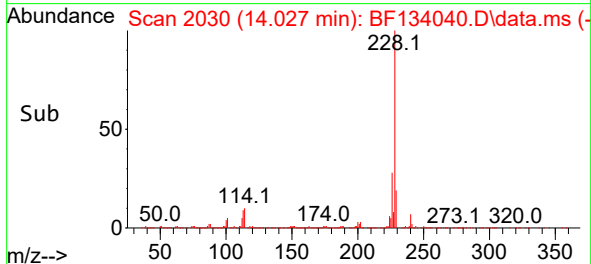
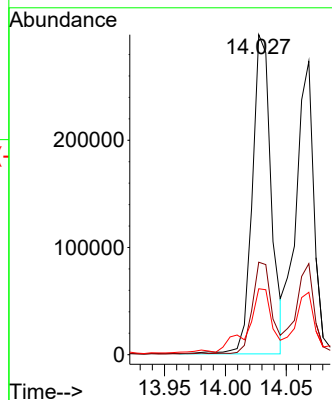
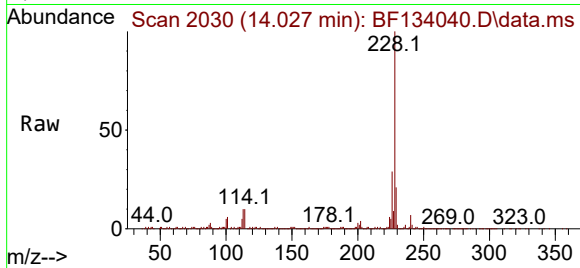




#81
Benzo(a)anthracene
Concen: 22.628 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

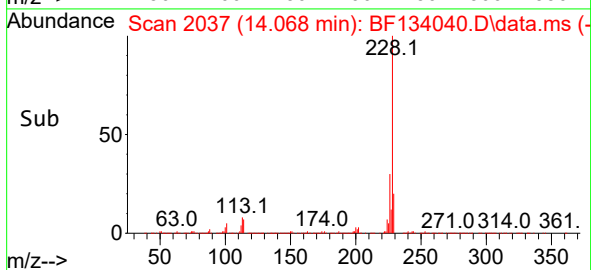
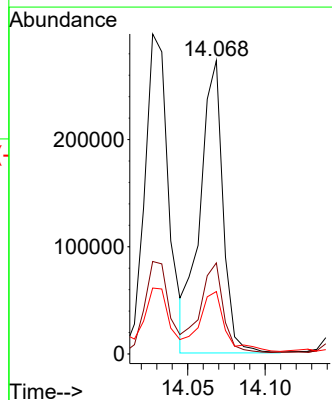
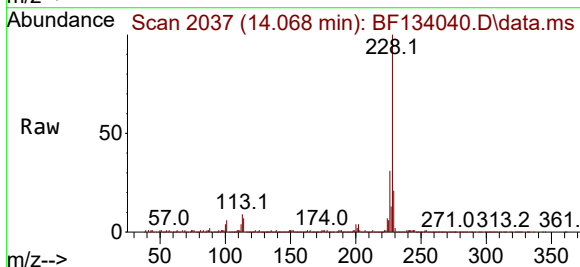
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

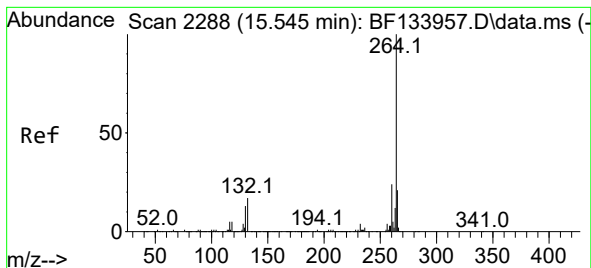
Tgt Ion:228 Resp: 322295
Ion Ratio Lower Upper
228 100
226 28.9 22.0 33.0
229 20.6 16.3 24.5



#83
Chrysene
Concen: 20.432 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:228 Resp: 281868
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 21.3 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

Instrument :

BNA_F

ClientSampleId :

SB-06-COMPDL

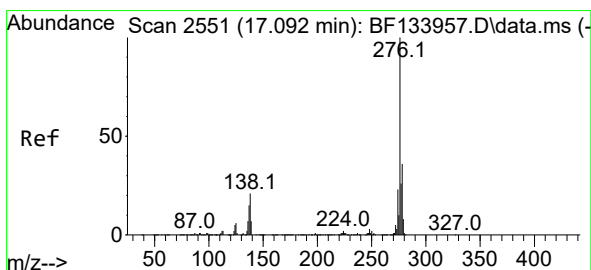
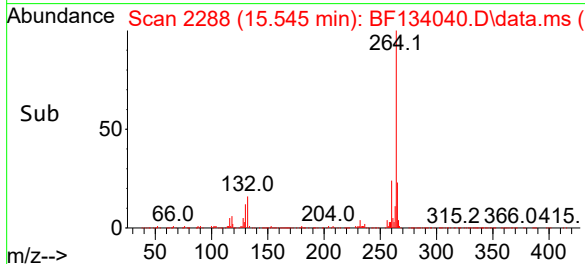
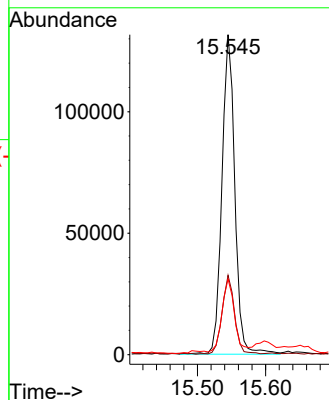
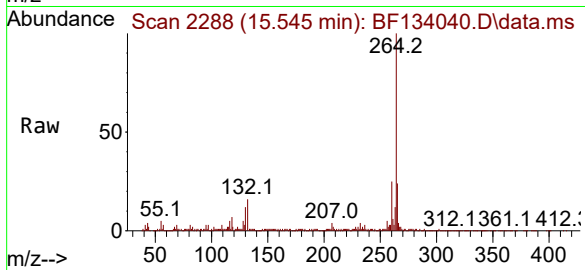
Tgt Ion:264 Resp: 173297

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 23.7 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.478 ng

RT: 17.086 min Scan# 2550

Delta R.T. -0.006 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

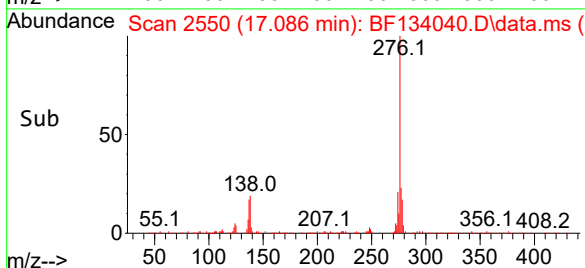
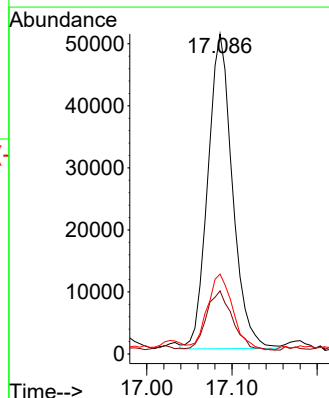
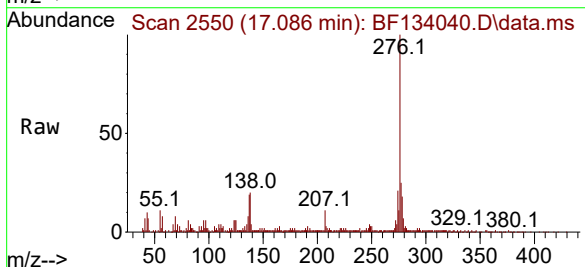
Tgt Ion:276 Resp: 101951

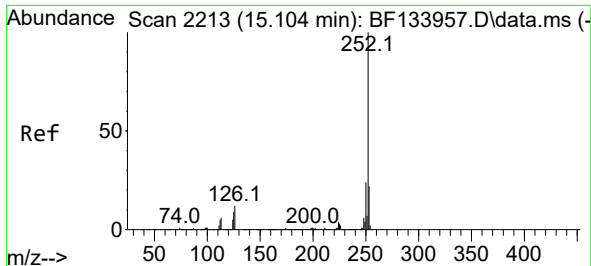
Ion Ratio Lower Upper

276 100

138 19.9 18.7 28.1

277 25.0 19.9 29.9

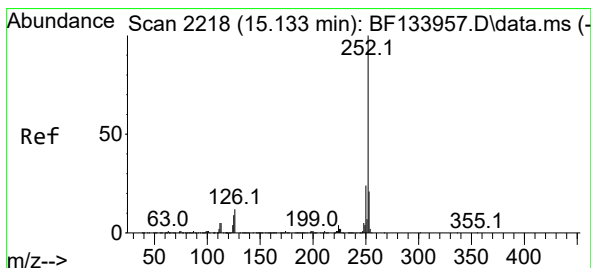
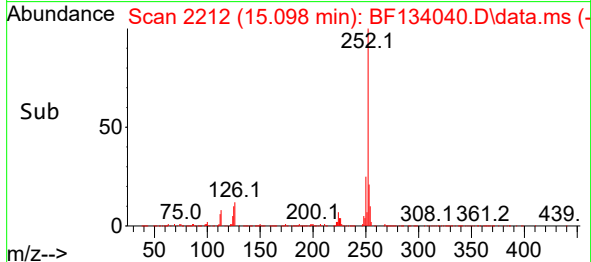
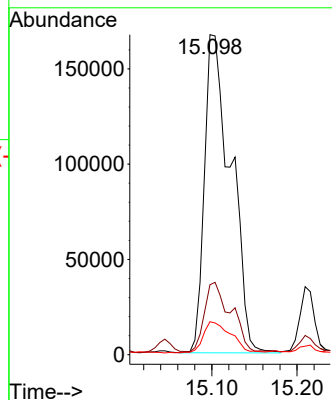
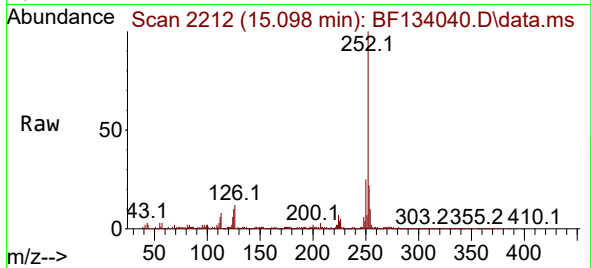




#88
Benzo(b)fluoranthene
Concen: 35.441 ng
RT: 15.098 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

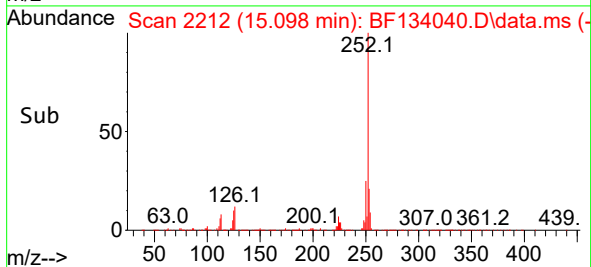
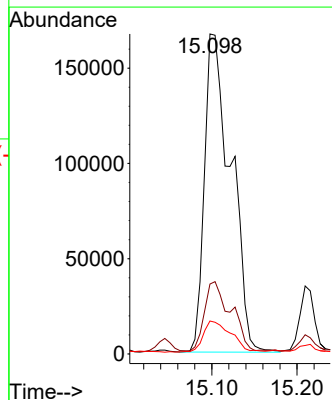
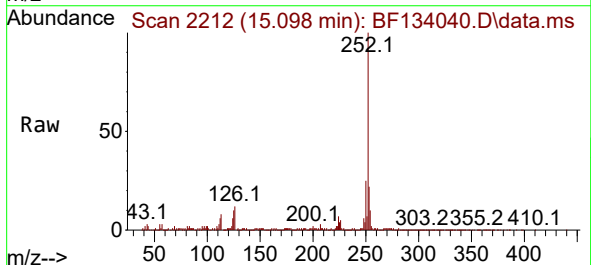
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPDL

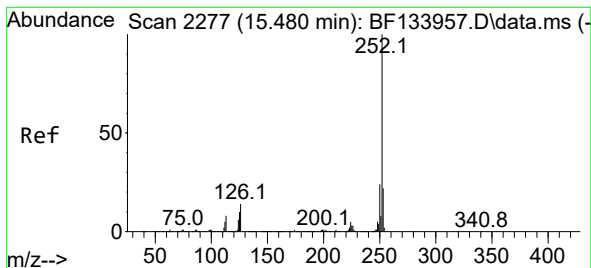
Tgt Ion:252 Resp: 361144
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.3 7.1 10.7



#89
Benzo(k)fluoranthene
Concen: 34.809 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.035 min
Lab File: BF134040.D
Acq: 29 Jun 2023 16:55

Tgt Ion:252 Resp: 361144
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 10.3 7.4 11.2





#90

Benzo(a)pyrene

Concen: 19.374 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

Instrument :

BNA_F

ClientSampleId :

SB-06-COMPDL

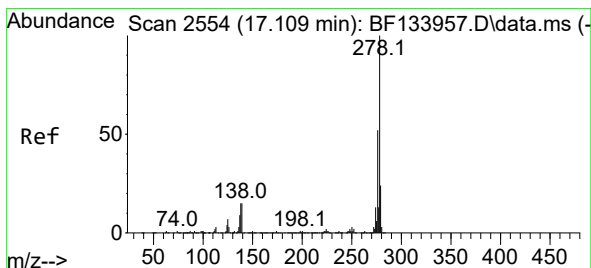
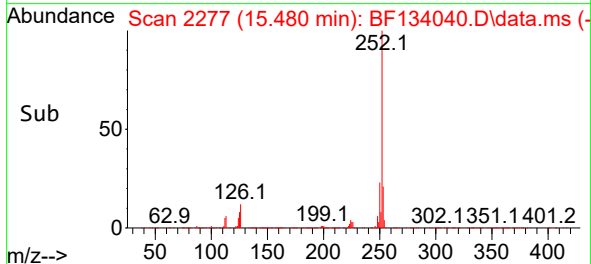
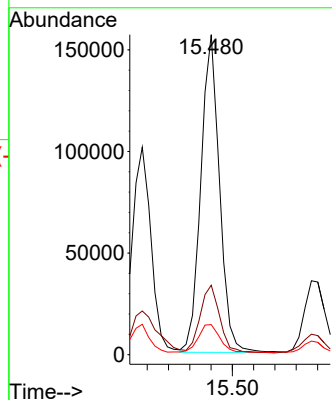
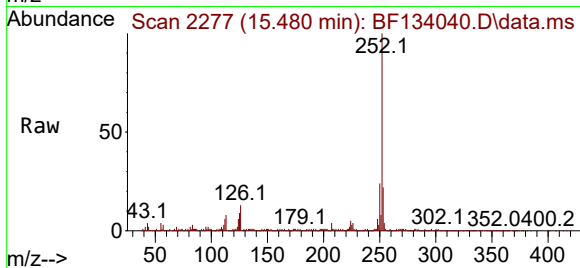
Tgt Ion:252 Resp: 190905

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.4 8.4 12.6



#91

Dibenzo(a,h)anthracene

Concen: 2.745 ng

RT: 17.098 min Scan# 2552

Delta R.T. -0.012 min

Lab File: BF134040.D

Acq: 29 Jun 2023 16:55

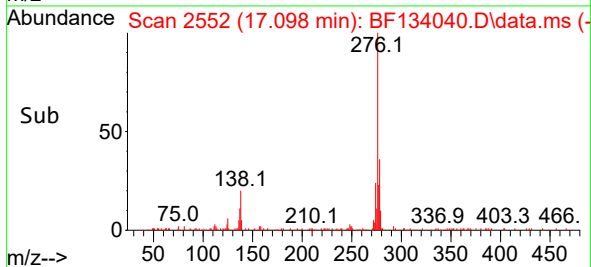
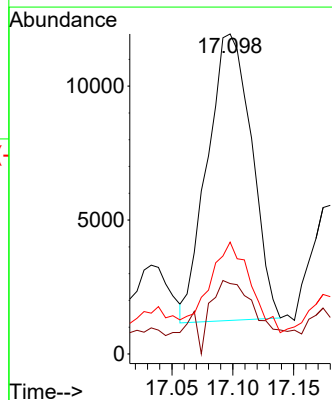
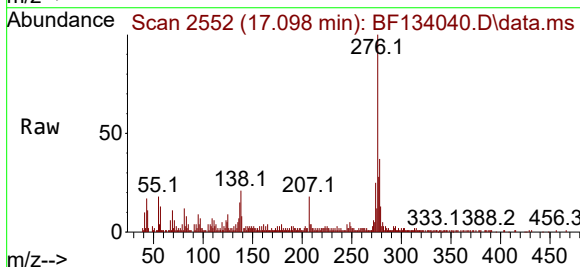
Tgt Ion:278 Resp: 26966

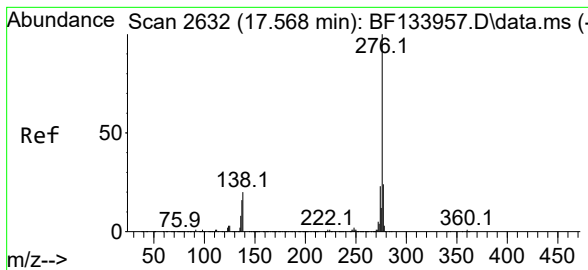
Ion Ratio Lower Upper

278 100

139 22.0 12.2 18.4#

279 35.0 19.4 29.2#





#92
 Benzo(g,h,i)perylene
 Concen: 9.384 ng
 RT: 17.557 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF134040.D
 Acq: 29 Jun 2023 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMPD

Tgt Ion:	276	Resp:	95045
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	23.6	16.2	24.2

