

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0222323\
 Data File : BF132533.D
 Acq On : 23 Feb 2023 22:00
 Operator : CG\JU
 Sample : 01650-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022223

Quant Time: Feb 24 00:41:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

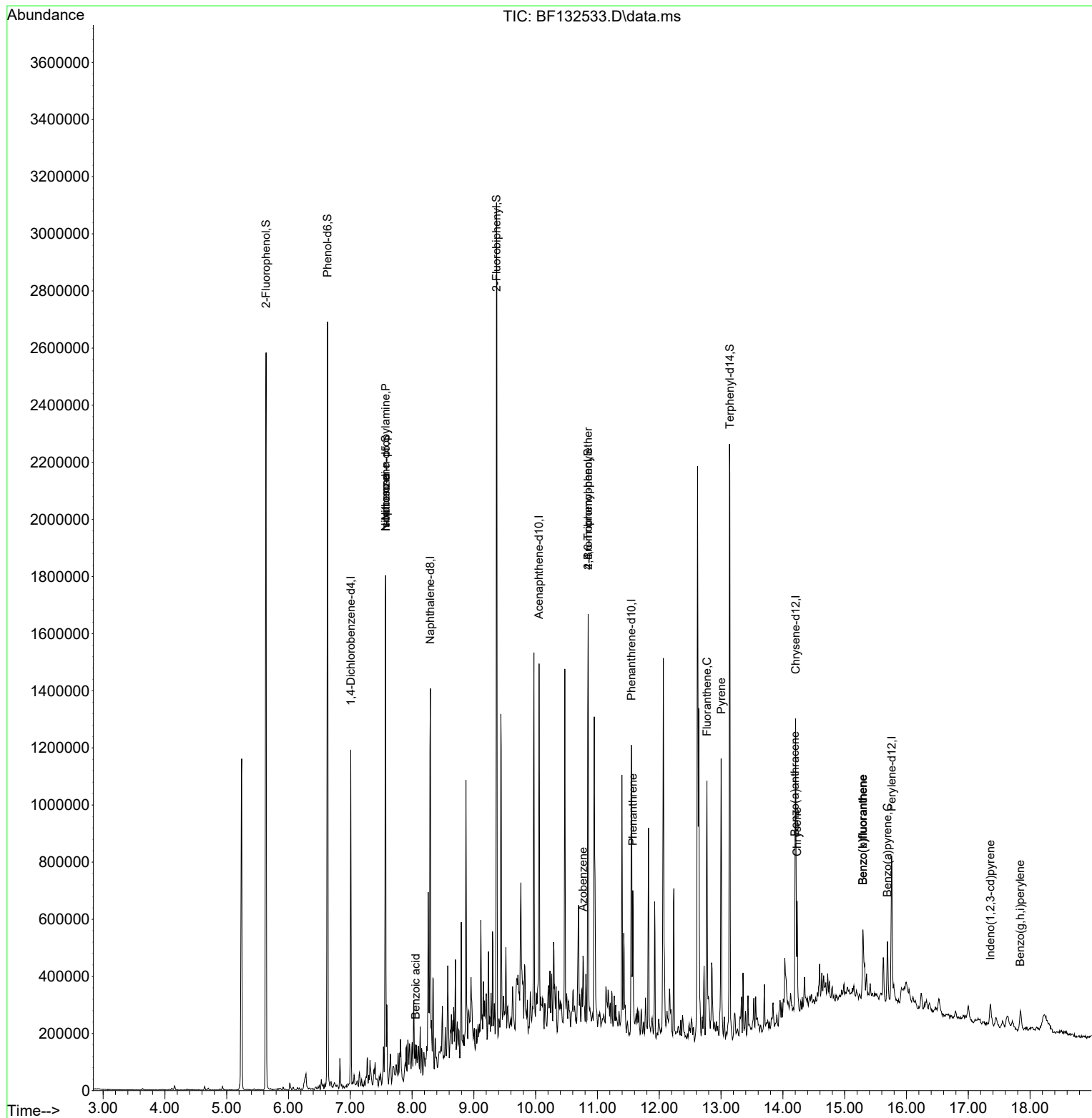
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	145595	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	512457	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	235894	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	358488	20.000	ng	0.00
76) Chrysene-d12	14.207	240	295846	20.000	ng	-0.01
86) Perylene-d12	15.760	264	241043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	685453	76.409	ng	0.00
7) Phenol-d6	6.631	99	877292	74.932	ng	-0.01
23) Nitrobenzene-d5	7.572	82	566375	52.436	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	158754	62.316	ng	-0.01
45) 2-Fluorobiphenyl	9.366	172	869145	56.102	ng	-0.01
79) Terphenyl-d14	13.142	244	759013	43.377	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	84227	11.689	ng	# 76
25) Isophorone	7.572	82	565596	27.312	ng	# 67
32) Benzoic acid	8.060	122	1010	3.983	ng	# 1
63) Azobenzene	10.766	77	38165	2.148	ng	# 1
67) 4-Bromophenyl-phenylether	10.848	248	10143	2.501	ng	# 1
71) Phenanthrene	11.572	178	155919	8.396	ng	97
75) Fluoranthene	12.772	202	266865	13.145	ng	98
78) Pyrene	13.001	202	300244	11.162	ng	100
81) Benzo(a)anthracene	14.195	228	136693	6.175	ng	95
83) Chrysene	14.230	228	153229	7.402	ng	98
87) Indeno(1,2,3-cd)pyrene	17.359	276	53133	3.364	ng	96
88) Benzo(b)fluoranthene	15.295	252	193402	11.973	ng	# 96
89) Benzo(k)fluoranthene	15.295	252	193402	12.233	ng	# 96
90) Benzo(a)pyrene	15.695	252	108104	7.151	ng	98
92) Benzo(g,h,i)perylene	17.842	276	56078	5.341	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132533.D
Acq On : 23 Feb 2023 22:00
Operator : CG\JU
Sample : 01650-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-2-022223

Quant Time: Feb 24 00:41:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

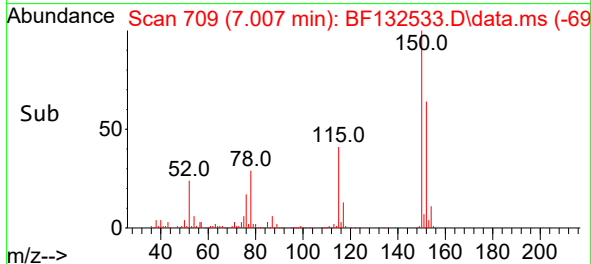
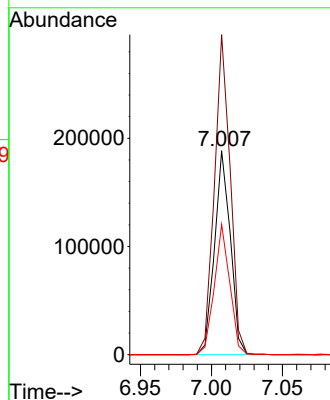
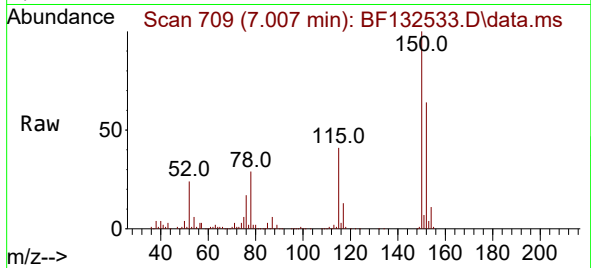




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

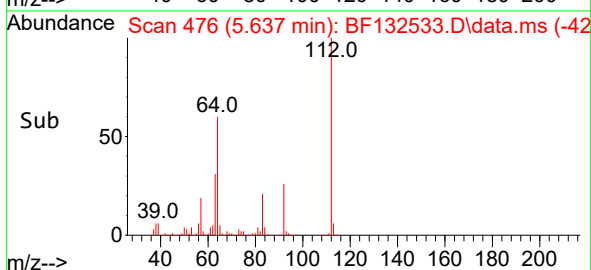
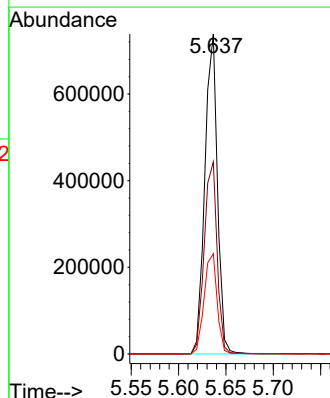
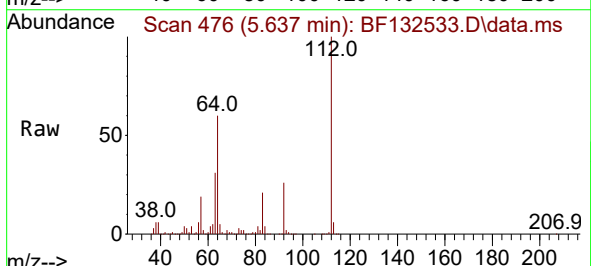
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

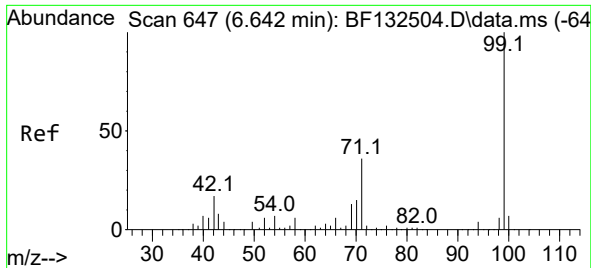
Tgt Ion:152 Resp: 145595
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 63.8 47.8 71.6



#5
2-Fluorophenol
Concen: 76.409 ng
RT: 5.637 min Scan# 476
Delta R.T. 0.000 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion:112 Resp: 685453
Ion Ratio Lower Upper
112 100
64 60.0 51.6 77.4
63 31.4 27.4 41.2

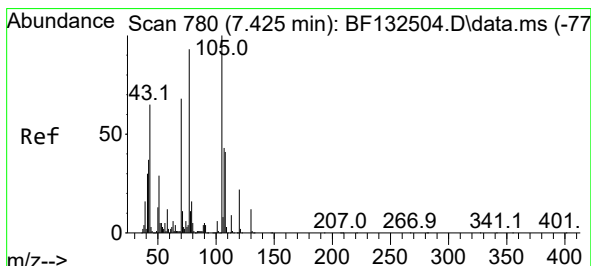
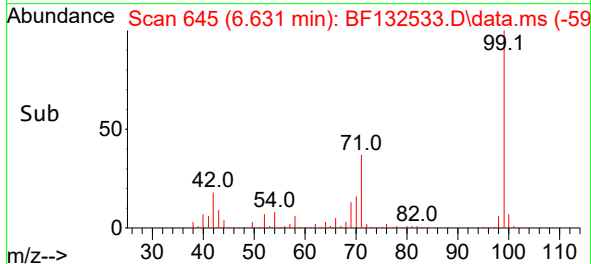
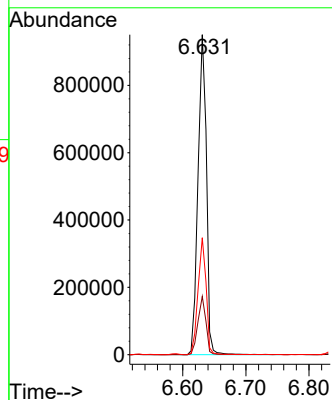
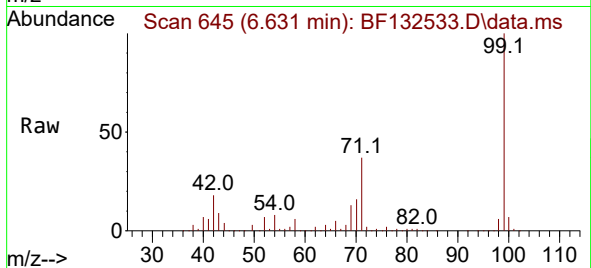




#7
Phenol-d6
Concen: 74.932 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

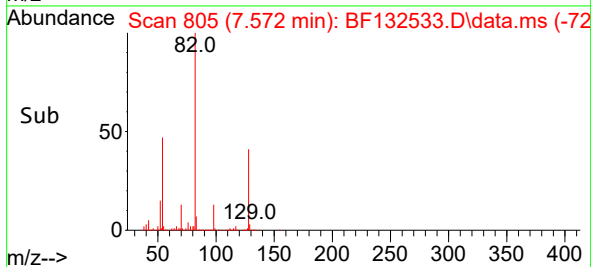
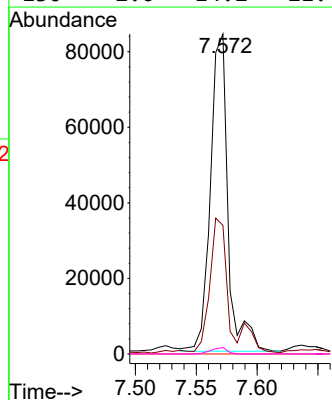
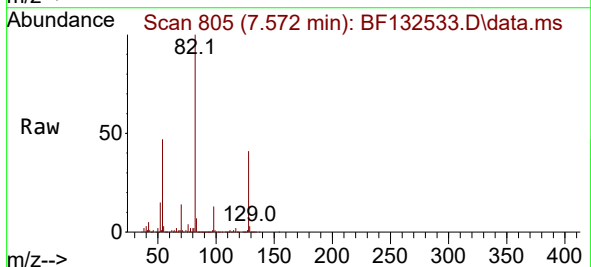
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

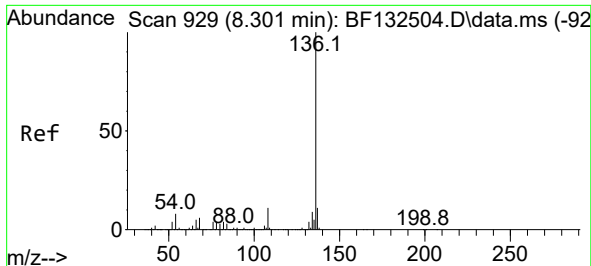
Tgt Ion: 99 Resp: 877292
Ion Ratio Lower Upper
99 100
42 18.2 13.9 20.9
71 36.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.689 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion: 70 Resp: 84227
Ion Ratio Lower Upper
70 100
42 40.2 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

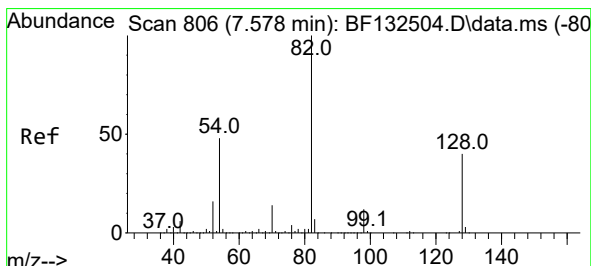
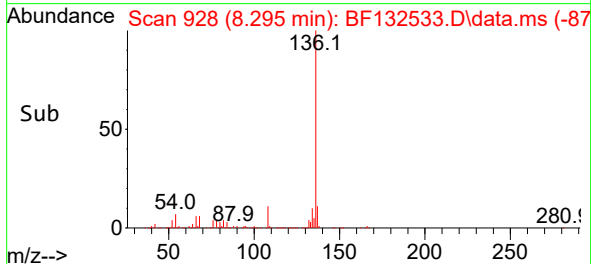
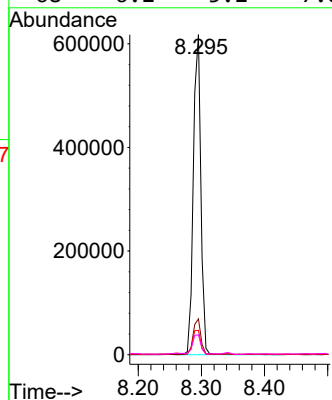
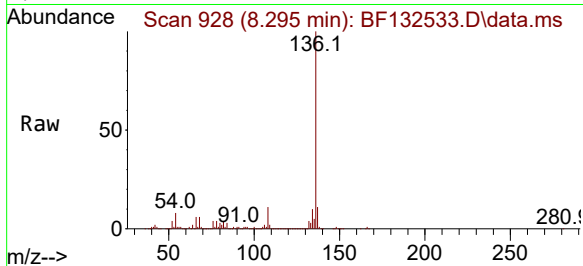




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

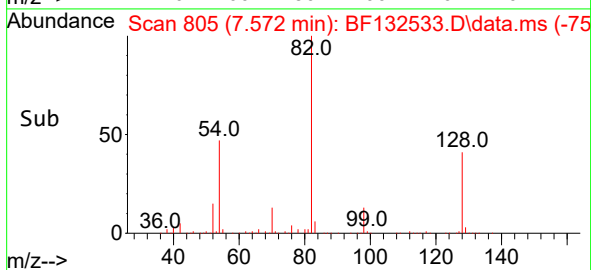
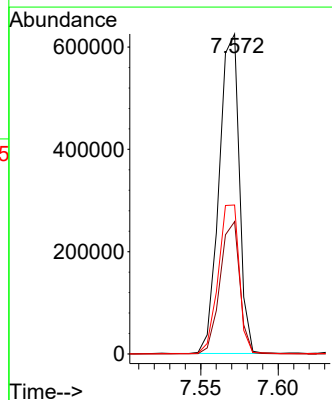
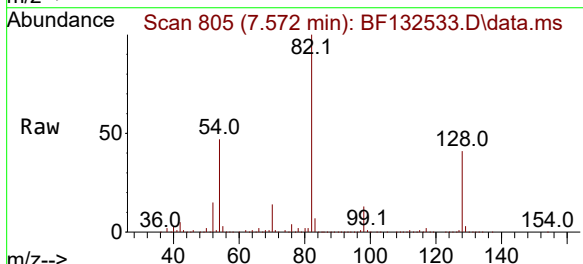
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

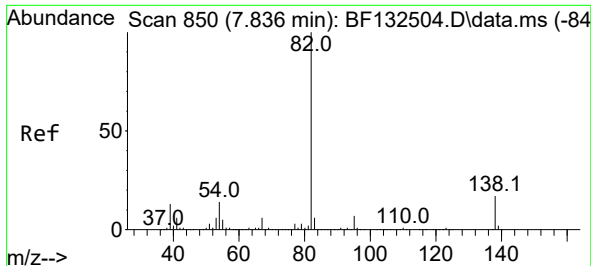
Tgt Ion:136 Resp: 512457
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 52.436 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion: 82 Resp: 566375
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 46.6 38.4 57.6

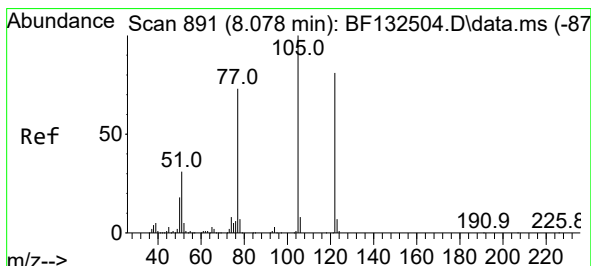
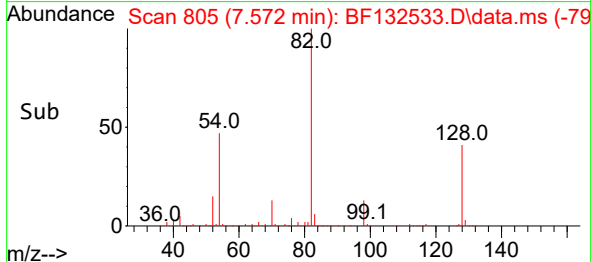
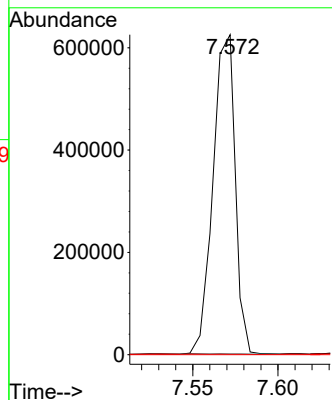
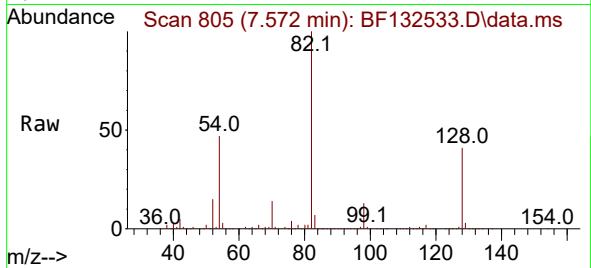




#25
Isophorone
Concen: 27.312 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

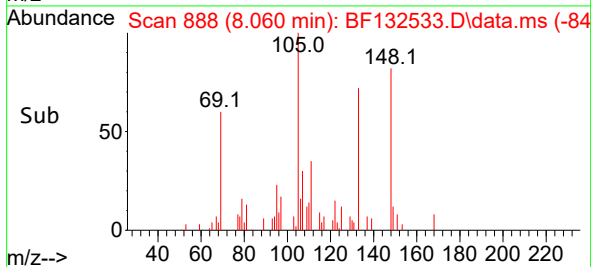
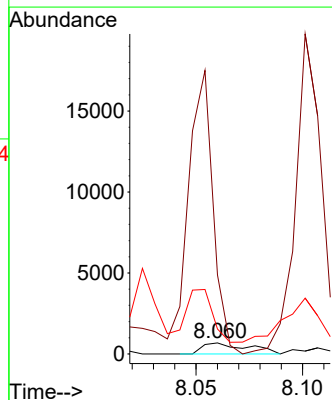
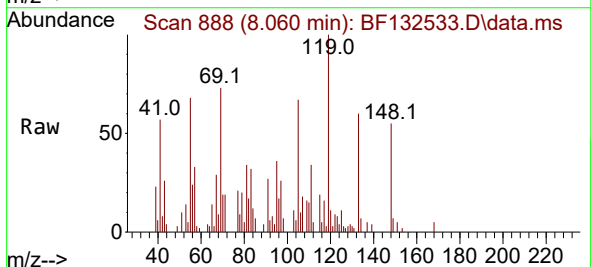
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

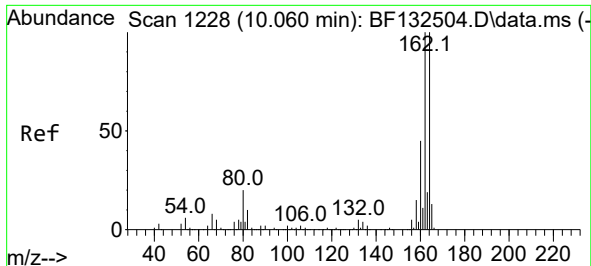
Tgt Ion: 82 Resp: 565596
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.983 ng
RT: 8.060 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion: 122 Resp: 1010
Ion Ratio Lower Upper
122 100
105 721.4 102.6 142.6#
77 227.2 70.2 110.2#

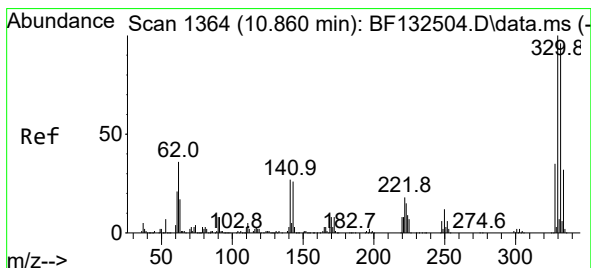
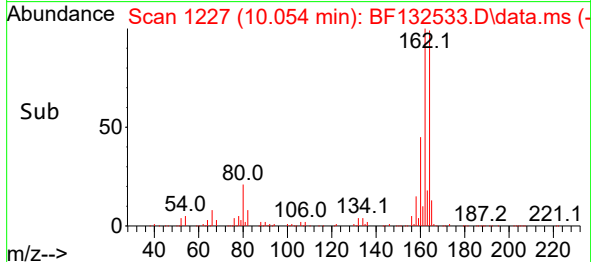
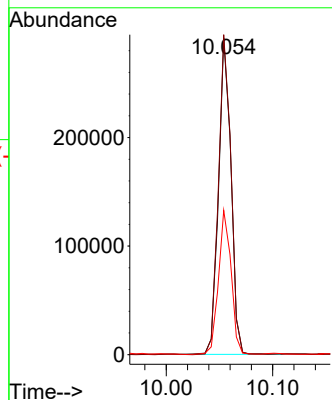
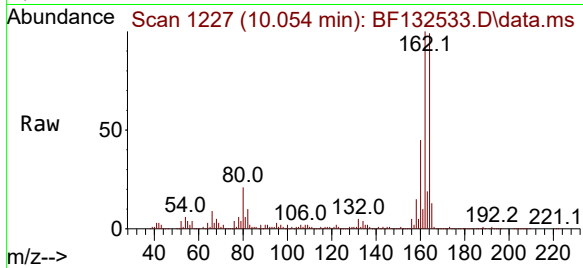




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

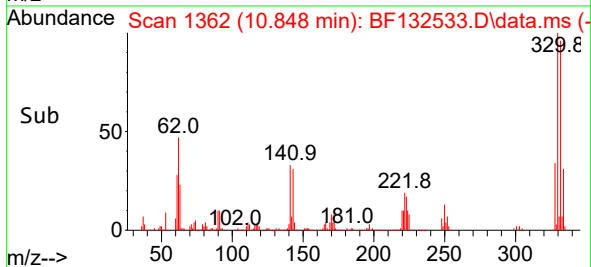
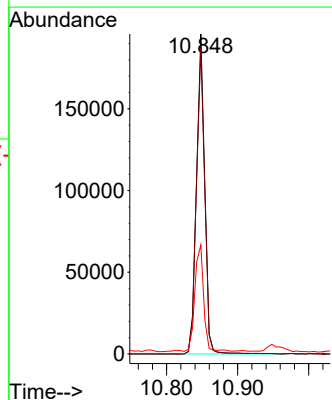
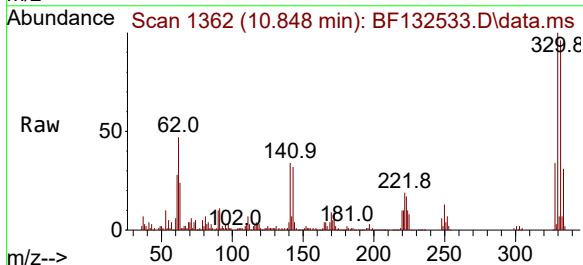
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

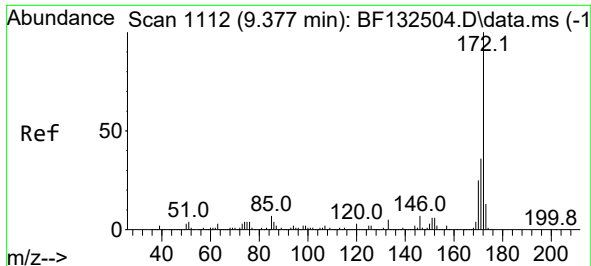
Tgt Ion:164 Resp: 235894
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 45.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 62.316 ng
RT: 10.848 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion:330 Resp: 158754
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 36.2 28.4 42.6

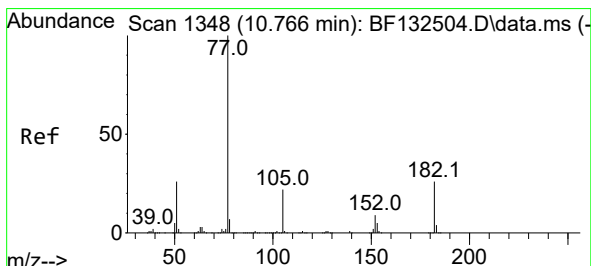
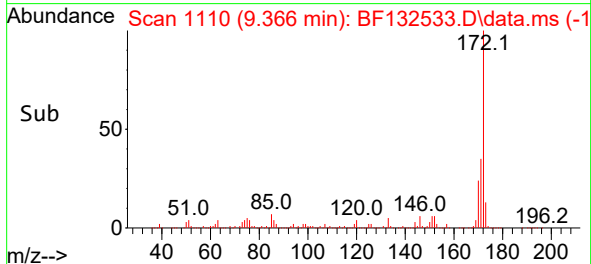
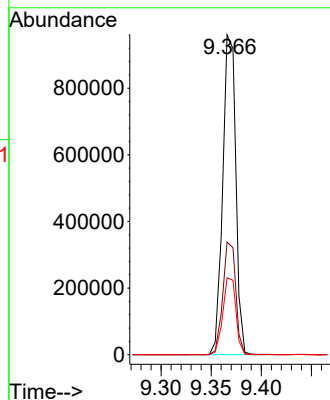
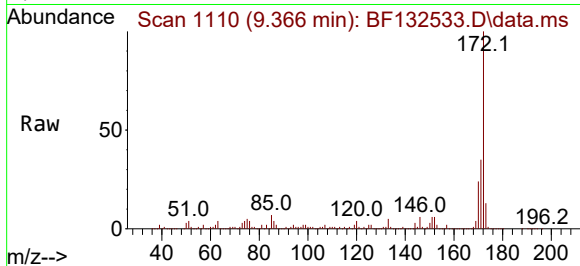




#45
2-Fluorobiphenyl
Concen: 56.102 ng
RT: 9.366 min Scan# 1112
Delta R.T. -0.011 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

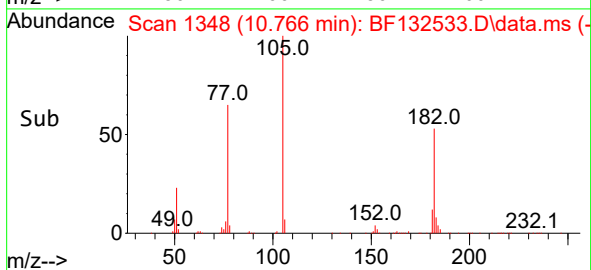
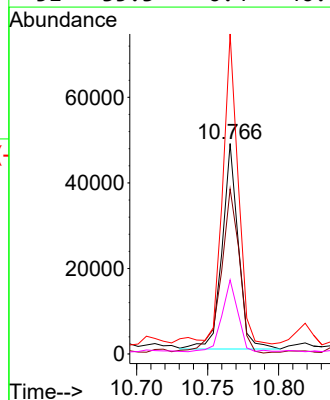
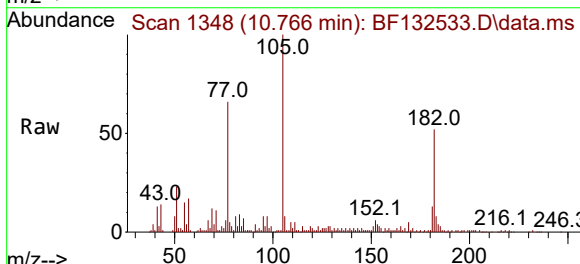
Instrument :
BNA_F
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BU-2-022223

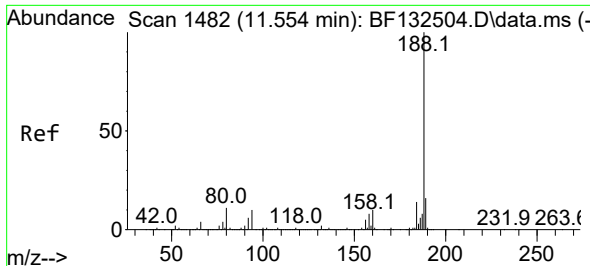
Tgt Ion:172 Resp: 869145
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.0 19.7 29.5



#63
Azobenzene
Concen: 2.148 ng
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion: 77 Resp: 38165
Ion Ratio Lower Upper
77 100
182 78.5 5.5 45.5#
105 152.1 1.8 41.8#
51 35.3 6.4 46.4

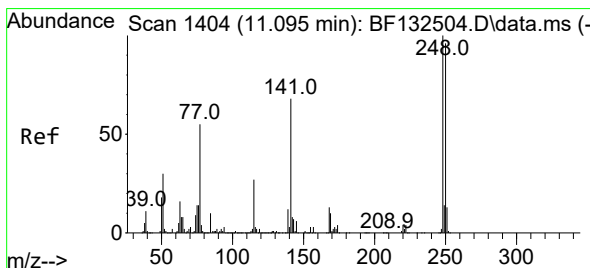
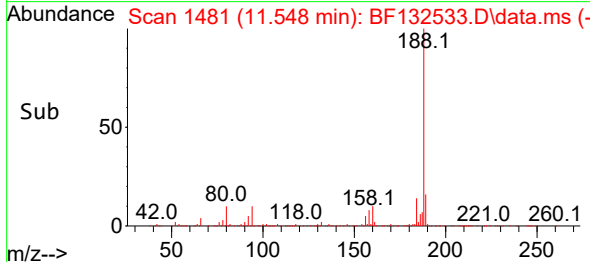
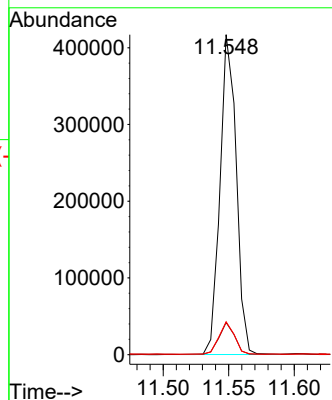
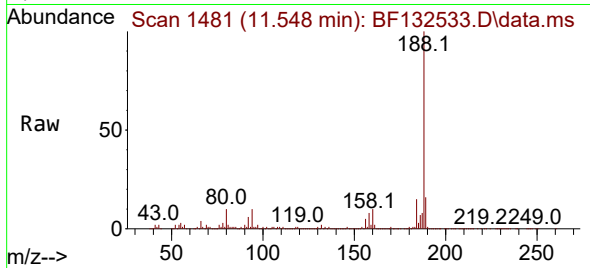




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

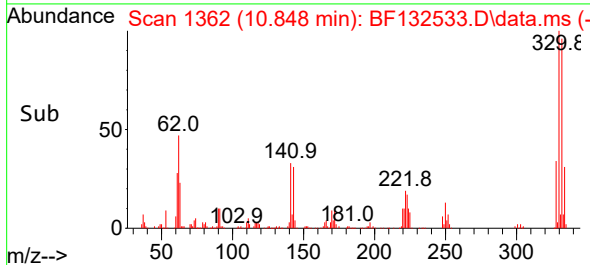
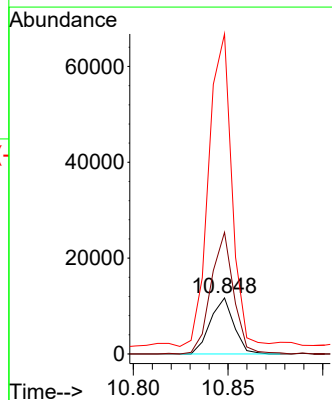
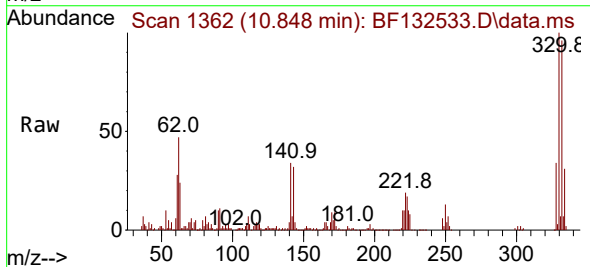
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

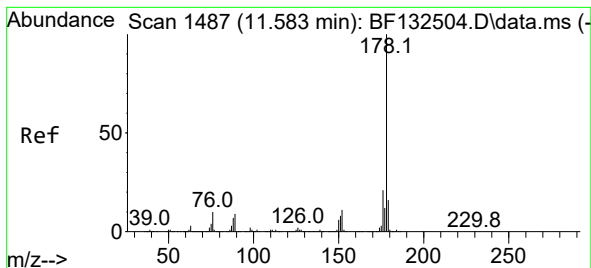
Tgt Ion:188 Resp: 358488
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.3 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.501 ng
RT: 10.848 min Scan# 1362
Delta R.T. -0.247 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion:248 Resp: 10143
Ion Ratio Lower Upper
248 100
250 216.9 77.0 115.4#
141 570.9 54.2 81.2#





#71

Phenanthrene

Concen: 8.396 ng

RT: 11.572 min Scan# 1485

Delta R.T. -0.012 min

Lab File: BF132533.D

Acq: 23 Feb 2023 22:00

Instrument :

BNA_F

ClientSampleId :

BU-2-022223

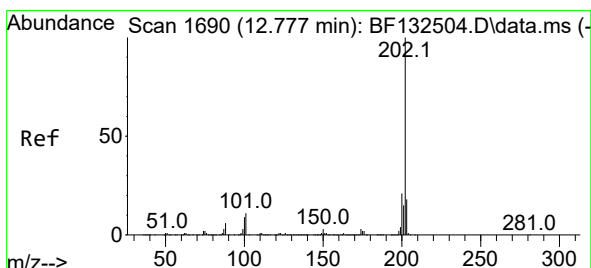
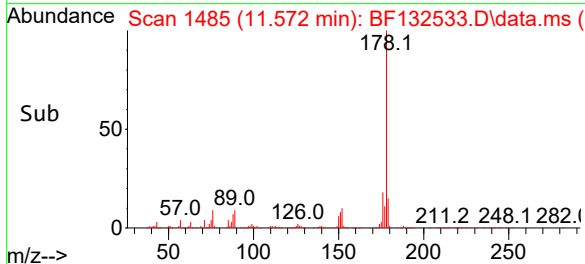
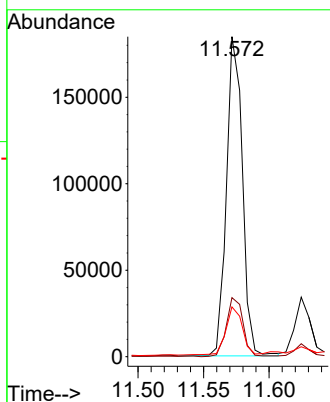
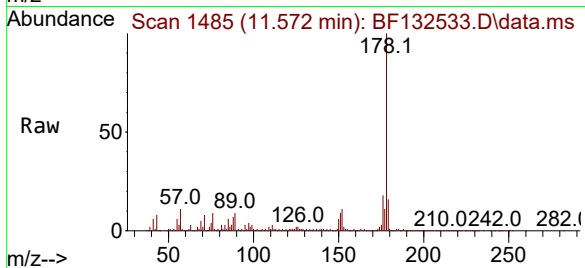
Tgt Ion:178 Resp: 155919

Ion Ratio Lower Upper

178 100

176 18.4 16.5 24.7

179 15.5 13.0 19.6



#75

Fluoranthene

Concen: 13.145 ng

RT: 12.772 min Scan# 1689

Delta R.T. -0.006 min

Lab File: BF132533.D

Acq: 23 Feb 2023 22:00

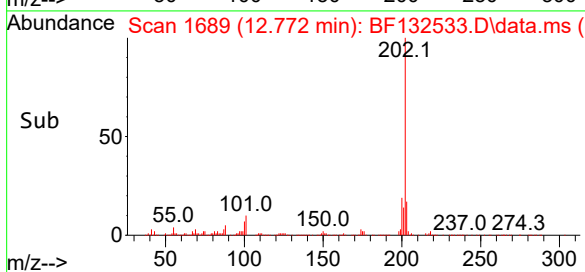
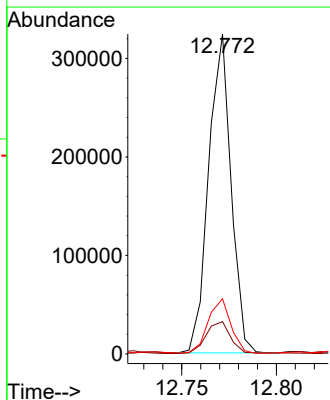
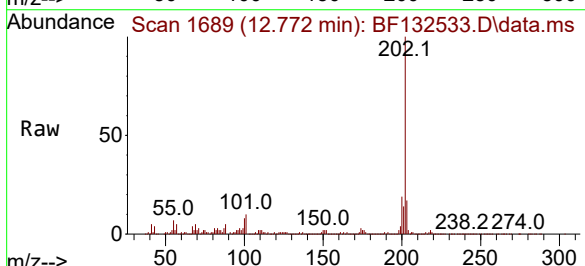
Tgt Ion:202 Resp: 266865

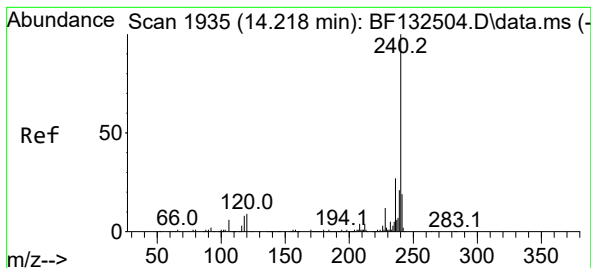
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

203 17.2 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.207 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF132533.D

Acq: 23 Feb 2023 22:00

Instrument :

BNA_F

ClientSampleId :

BU-2-022223

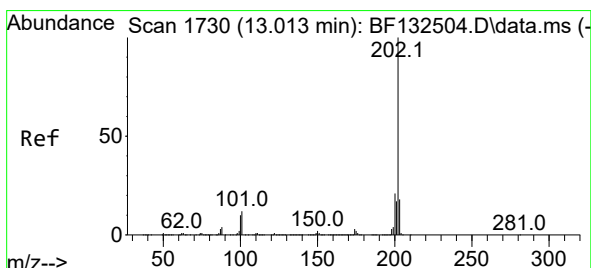
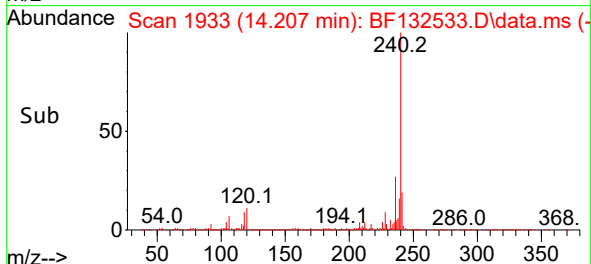
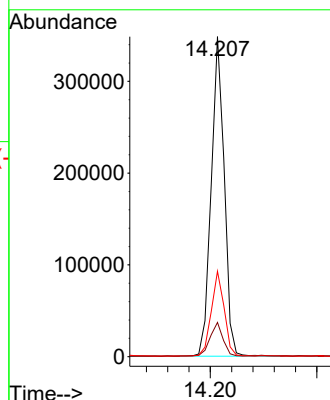
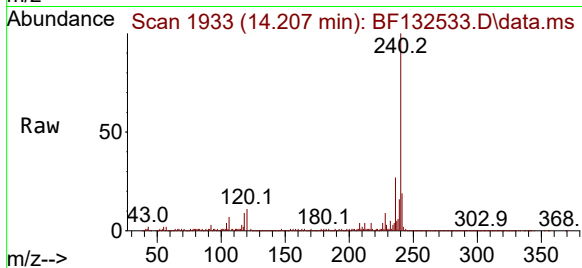
Tgt Ion:240 Resp: 295846

Ion Ratio Lower Upper

240 100

120 10.7 7.2 10.8

236 26.7 21.8 32.6



#78

Pyrene

Concen: 11.162 ng

RT: 13.001 min Scan# 1728

Delta R.T. -0.012 min

Lab File: BF132533.D

Acq: 23 Feb 2023 22:00

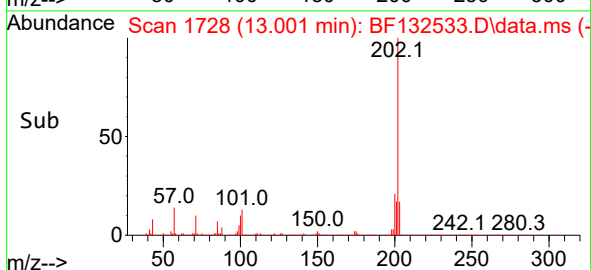
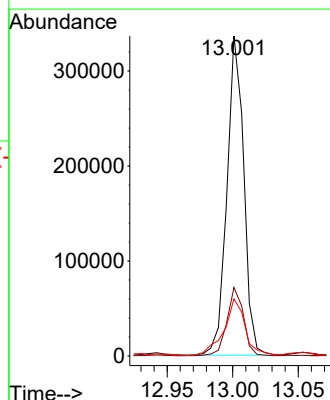
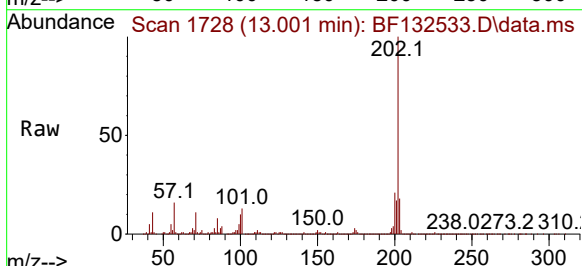
Tgt Ion:202 Resp: 300244

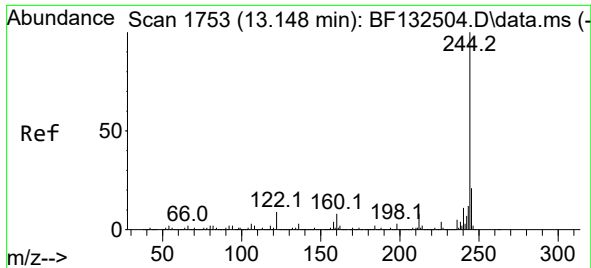
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.8 14.6 21.8

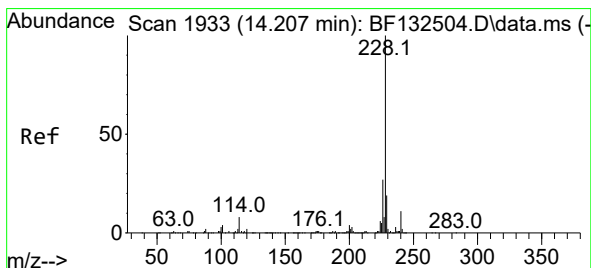
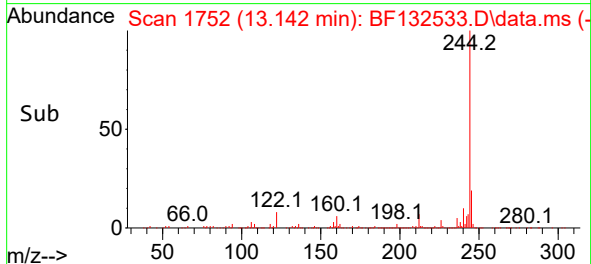
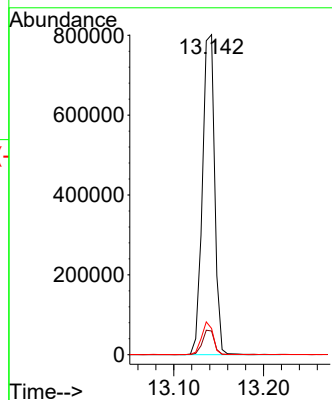
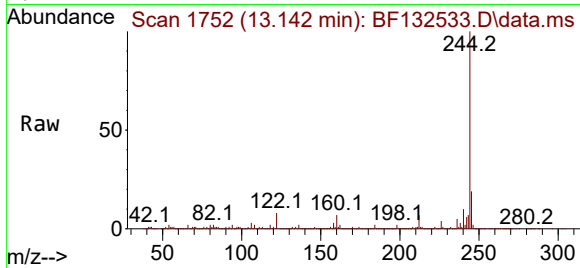




#79
 Terphenyl-d14
 Concen: 43.377 ng
 RT: 13.142 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132533.D
 Acq: 23 Feb 2023 22:00

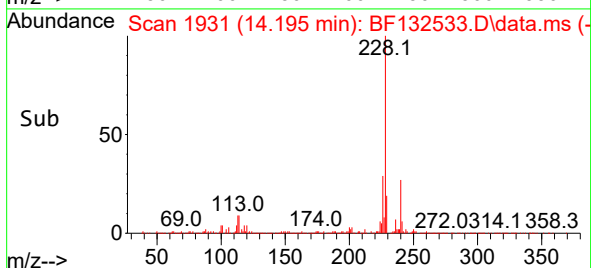
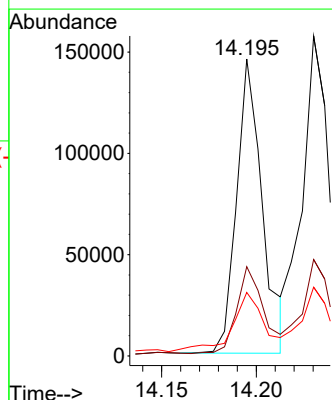
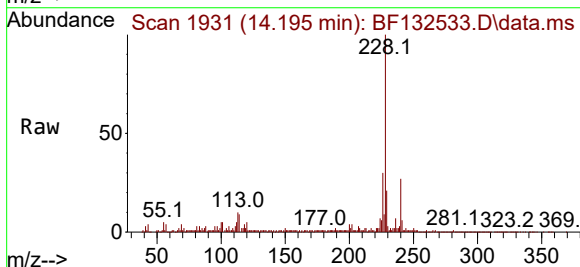
Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022223

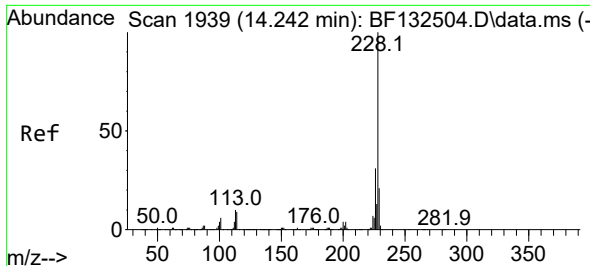
Tgt Ion:244 Resp: 759013
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.2 7.5 11.3



#81
 Benzo(a)anthracene
 Concen: 6.175 ng
 RT: 14.195 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF132533.D
 Acq: 23 Feb 2023 22:00

Tgt Ion:228 Resp: 136693
 Ion Ratio Lower Upper
 228 100
 226 30.1 21.7 32.5
 229 21.4 15.4 23.2

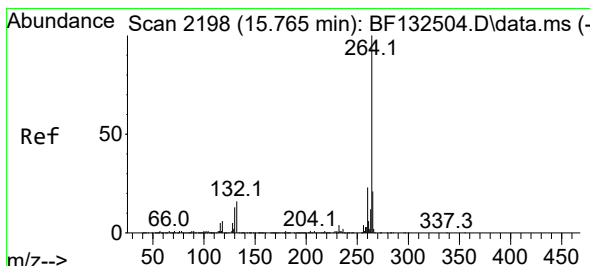
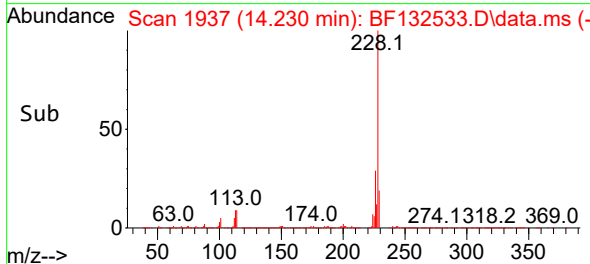
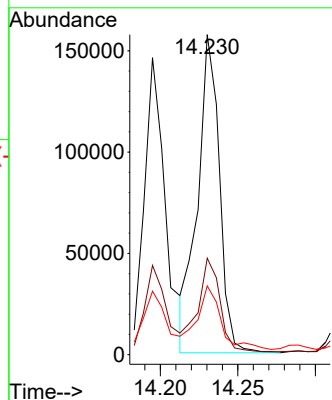
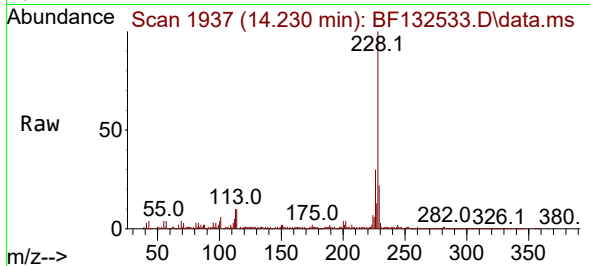




#83
Chrysene
Concen: 7.402 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

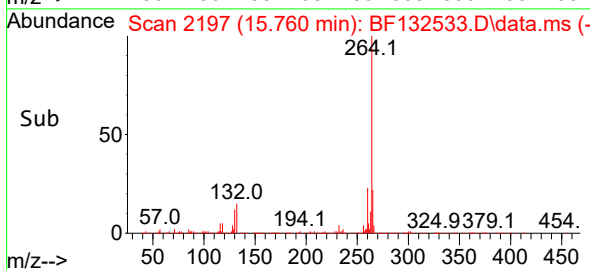
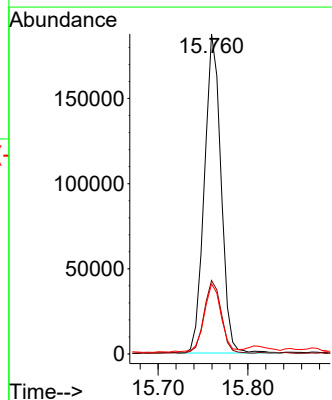
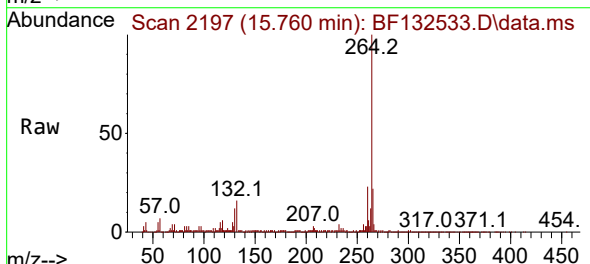
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

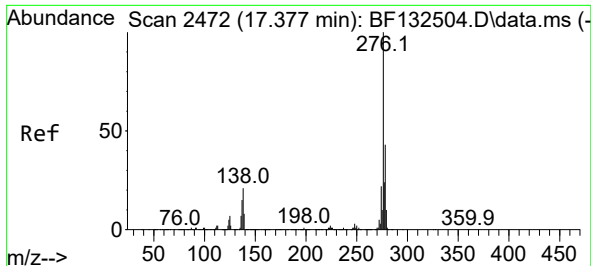
Tgt Ion:228 Resp: 153229
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 21.5 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.760 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion:264 Resp: 241043
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.9 17.1 25.7

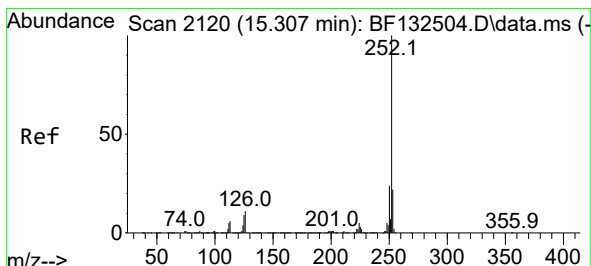
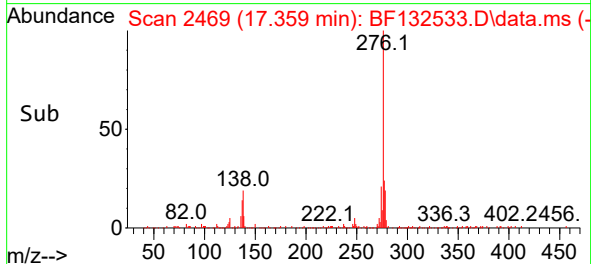
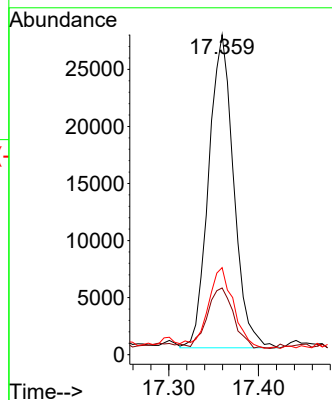
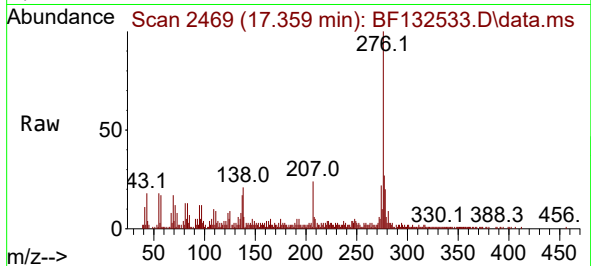




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.364 ng
RT: 17.359 min Scan# 2469
Delta R.T. -0.018 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

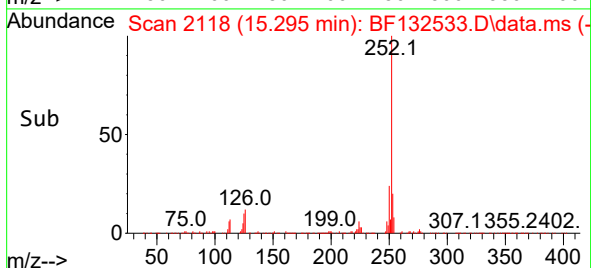
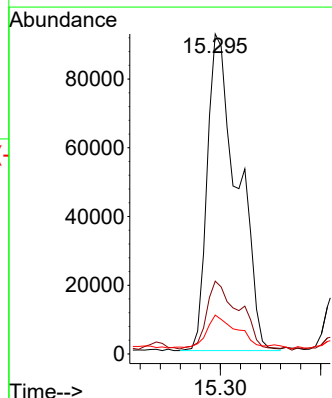
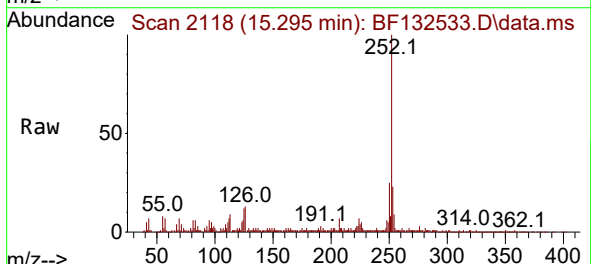
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

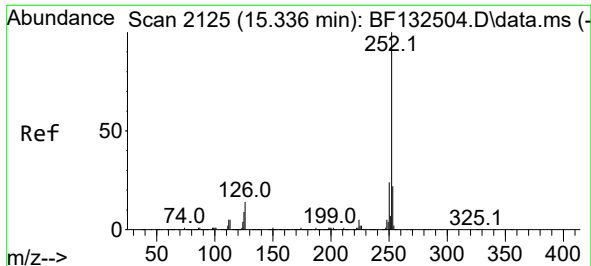
Tgt Ion:276 Resp: 53133
Ion Ratio Lower Upper
276 100
138 20.4 19.0 28.4
277 26.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 11.973 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion:252 Resp: 193402
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 12.2 7.0 10.6#

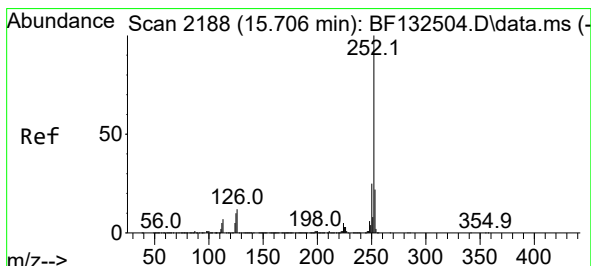
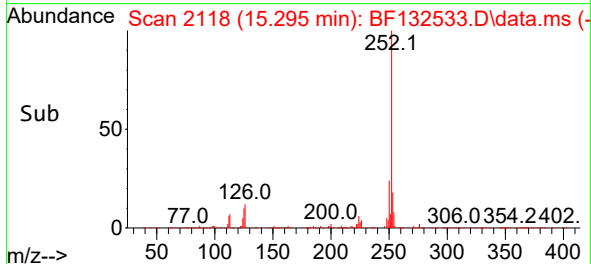
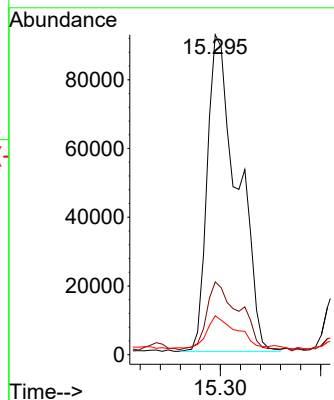
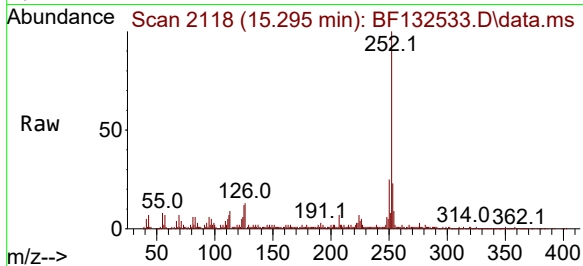




#89
Benzo(k)fluoranthene
Concen: 12.233 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.041 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

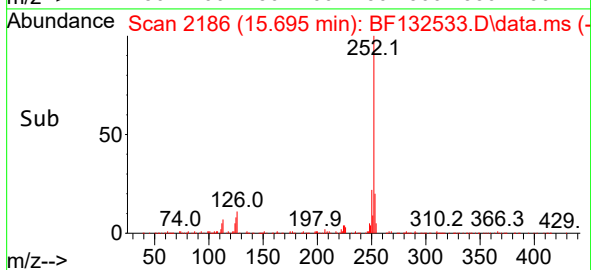
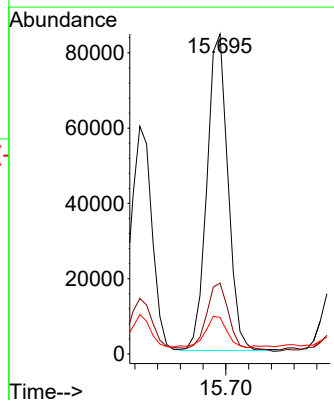
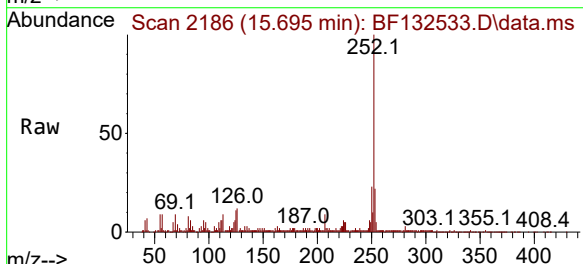
Instrument :
BNA_F
ClientSampleId :
BU-2-022223

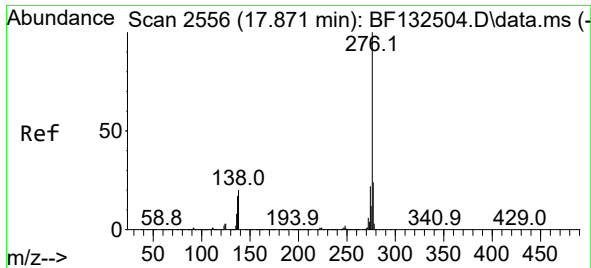
Tgt Ion:252 Resp: 193402
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 12.2 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 7.151 ng
RT: 15.695 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Tgt Ion:252 Resp: 108104
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.4 8.0 12.0





#92
Benzo(g,h,i)perylene
Concen: 5.341 ng
RT: 17.842 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF132533.D
Acq: 23 Feb 2023 22:00

Instrument :
BNA_F
ClientSampleId :
BU-2-022223

Tgt Ion:276 Resp: 56078
Ion Ratio Lower Upper
276 100
277 25.5 18.9 28.3
138 21.5 16.2 24.4

