

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130433.D
 Acq On : 27 Sep 2022 19:47
 Operator : CG\JU
 Sample : N4812-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Sep 28 03:01:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

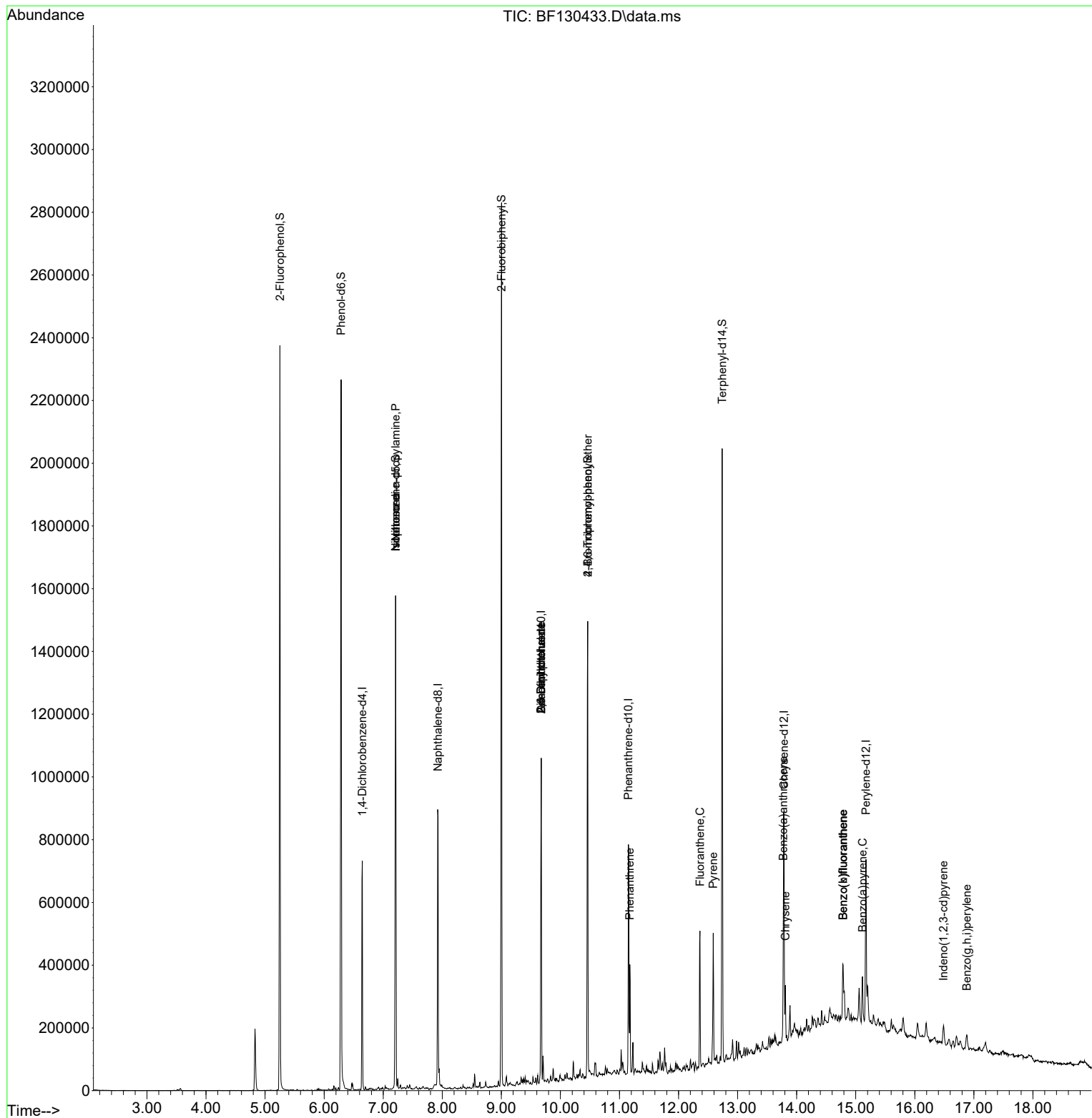
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	105036	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	394272	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	186821	20.000	ng	0.00
64) Phenanthrene-d10	11.151	188	271005	20.000	ng	0.00
76) Chrysene-d12	13.786	240	210703	20.000	ng	0.00
86) Perylene-d12	15.174	264	224495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	617787	102.015	ng	0.00
7) Phenol-d6	6.287	99	761738	100.530	ng	0.00
23) Nitrobenzene-d5	7.210	82	480022	62.200	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	173144	96.723	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	786068	61.271	ng	0.00
79) Terphenyl-d14	12.739	244	602433	47.362	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.210	70	65180	12.748	ng	# 73
25) Isophorone	7.210	82	477007	38.349	ng	# 66
50) Dimethylphthalate	9.675	163	36158	2.802	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	25245	9.354	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	25245	7.319	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	10939	3.659	ng	# 1
71) Phenanthrene	11.175	178	123239	8.100	ng	99
75) Fluoranthene	12.363	202	174042	11.838	ng	95
78) Pyrene	12.586	202	155276	8.424	ng	99
81) Benzo(a)anthracene	13.774	228	75703	5.401	ng	99
83) Chrysene	13.810	228	71886	5.401	ng	96
87) Indeno(1,2,3-cd)pyrene	16.486	276	38558	2.422	ng	98
88) Benzo(b)fluoranthene	14.786	252	125472	8.563	ng	95
89) Benzo(k)fluoranthene	14.786	252	125472	8.705	ng	95
90) Benzo(a)pyrene	15.116	252	66615	5.739	ng	100
92) Benzo(g,h,i)perylene	16.880	276	38177	2.902	ng	100

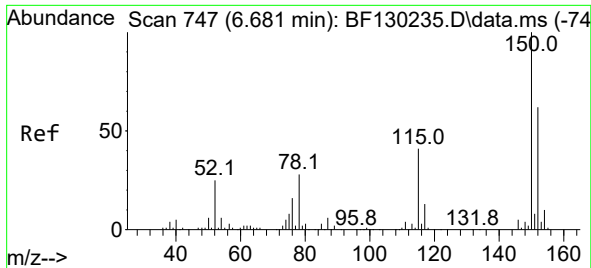
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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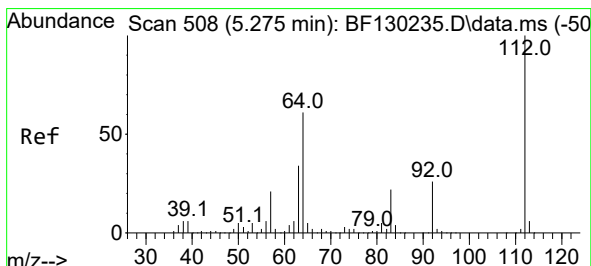
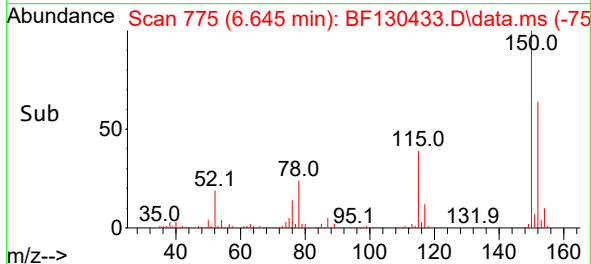
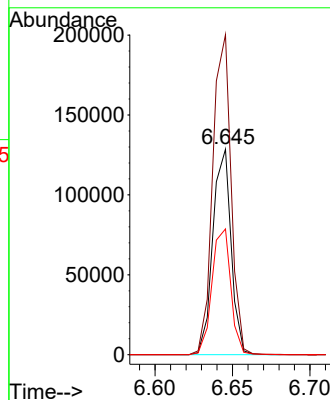
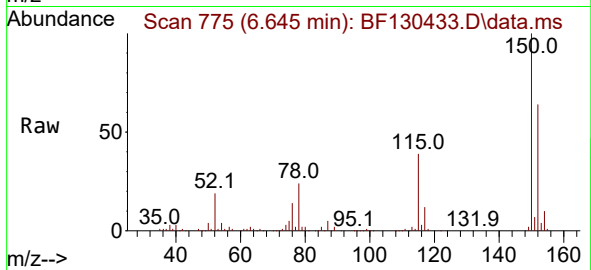




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130433.D
 Acq: 27 Sep 2022 19:47

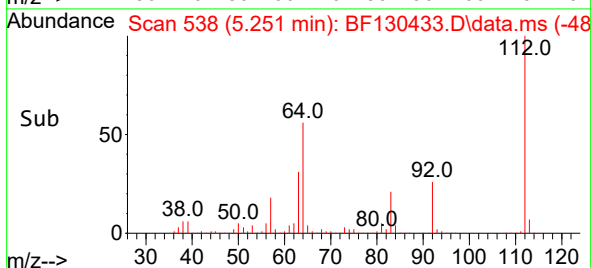
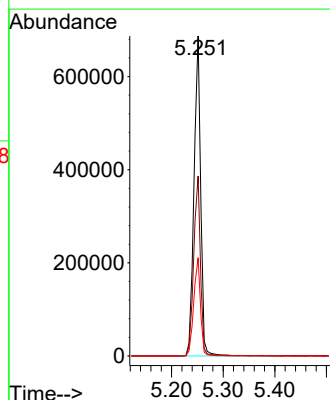
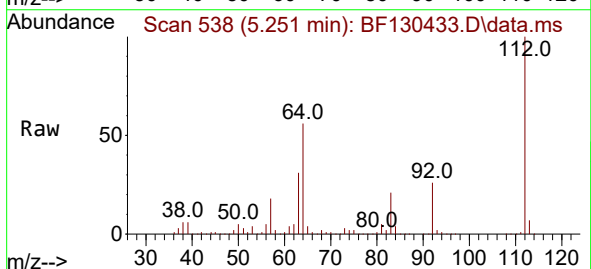
Instrument :
 BNA_F
 ClientSampleId :
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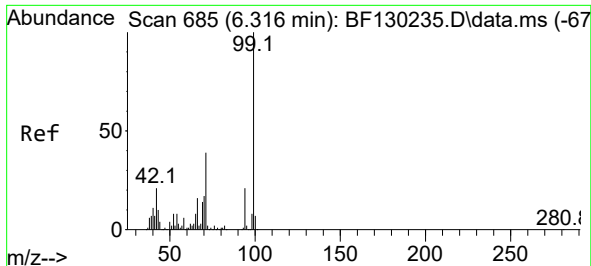
Tgt Ion:152 Resp: 105036
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.8 184.2
 115 61.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 102.015 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130433.D
 Acq: 27 Sep 2022 19:47

Tgt Ion:112 Resp: 617787
 Ion Ratio Lower Upper
 112 100
 64 56.2 51.4 77.0
 63 30.7 28.8 43.2

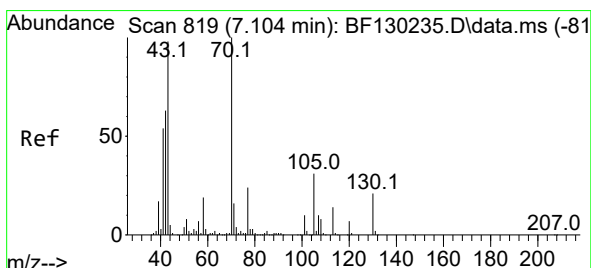
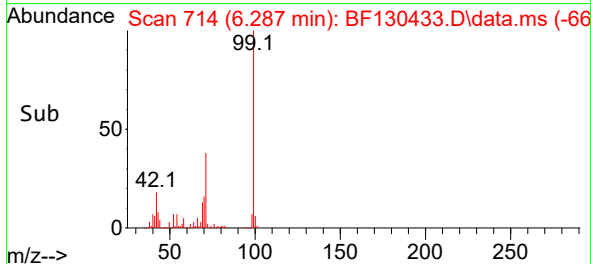
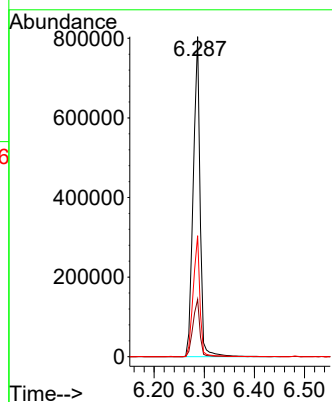
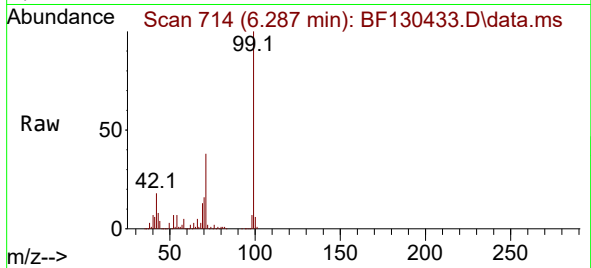




#7
Phenol-d6
Concen: 100.530 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

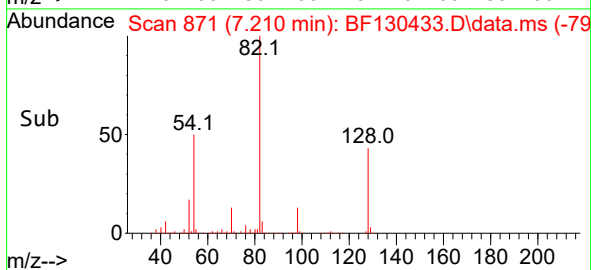
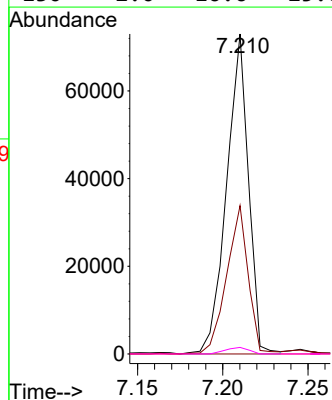
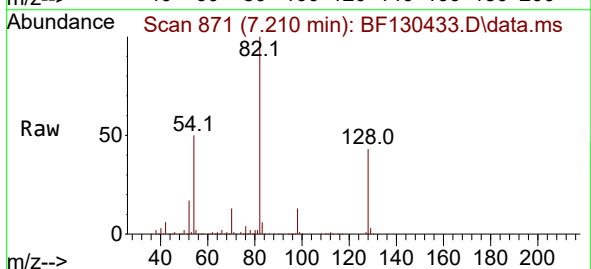
Instrument :
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ClientSampleId :
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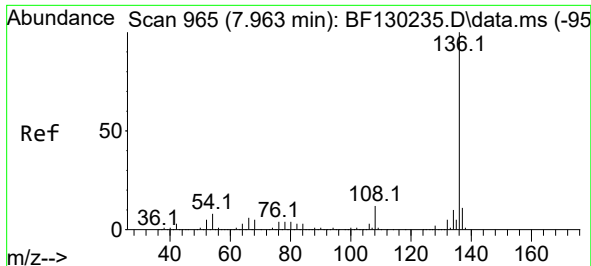
Tgt Ion: 99 Resp: 761738
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.748 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion: 70 Resp: 65180
Ion Ratio Lower Upper
70 100
42 46.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.928 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

WC-3

Tgt Ion:136 Resp: 394272

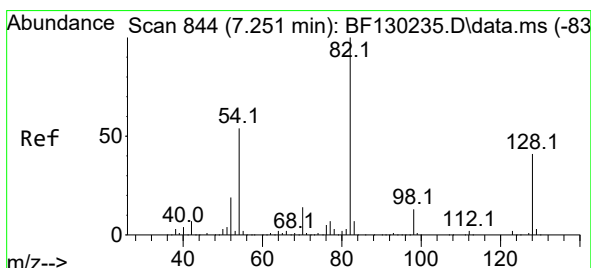
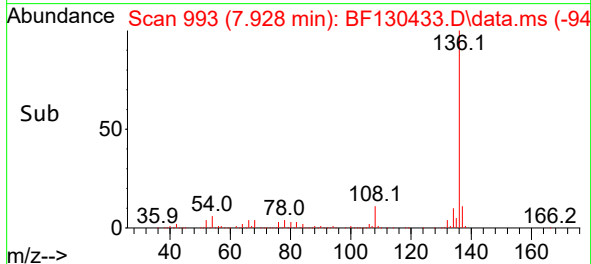
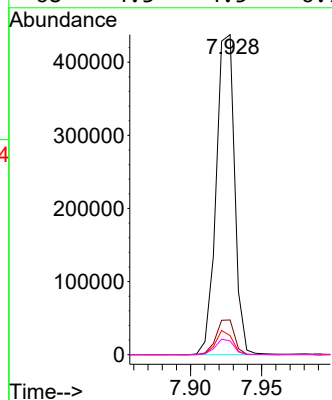
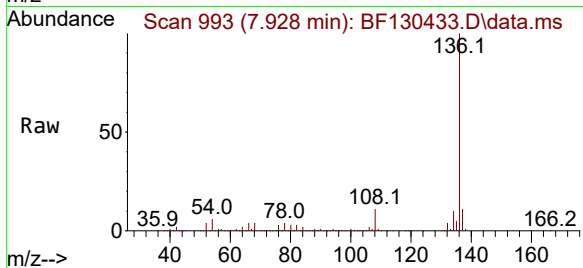
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 7.1 10.7#

68 4.3 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 62.200 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

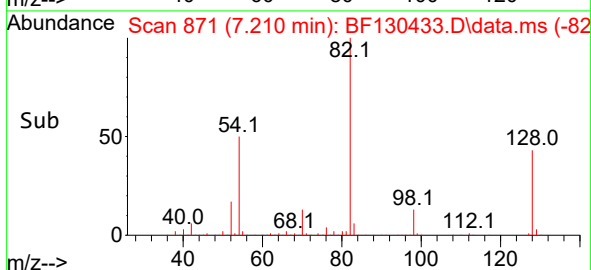
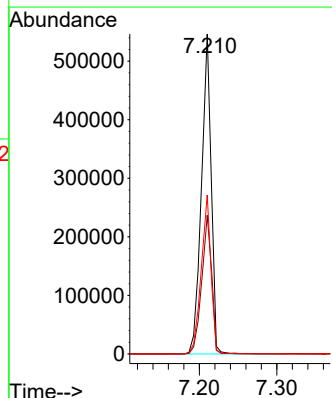
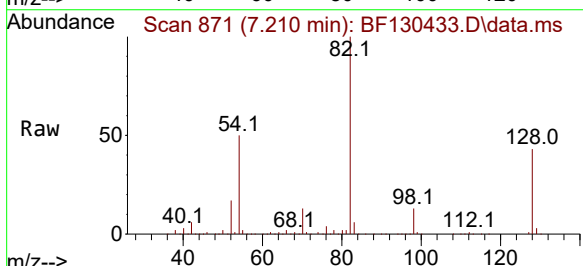
Tgt Ion: 82 Resp: 480022

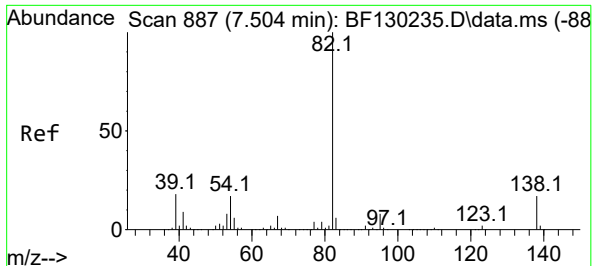
Ion Ratio Lower Upper

82 100

128 43.3 32.6 49.0

54 49.7 43.8 65.6

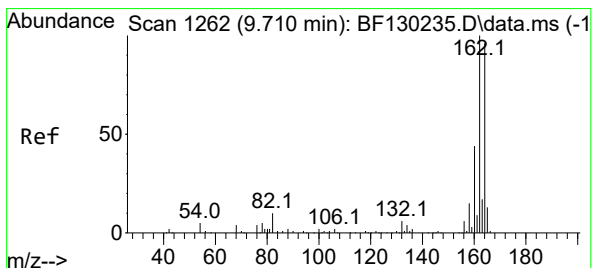
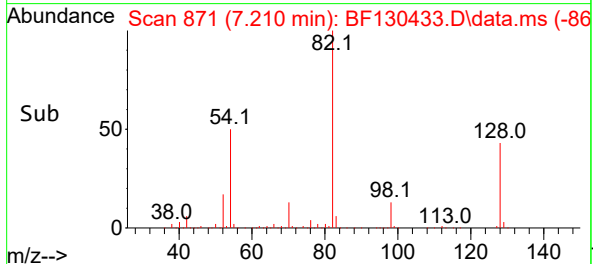
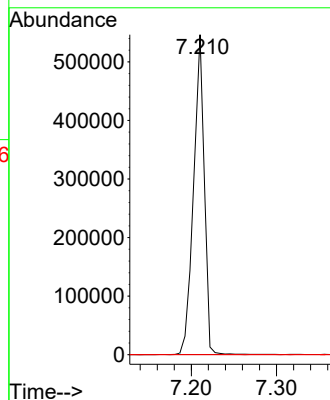
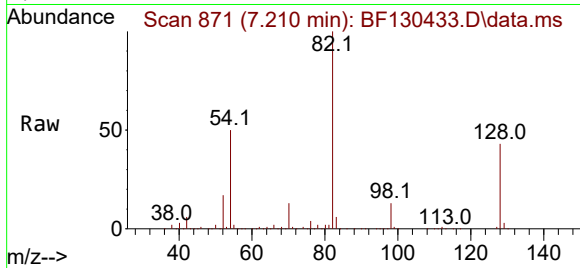




#25
Isophorone
Concen: 38.349 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

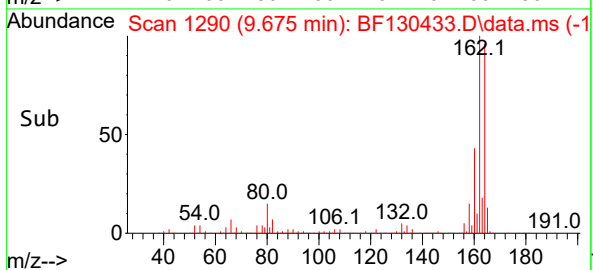
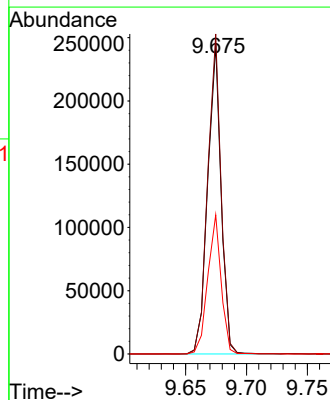
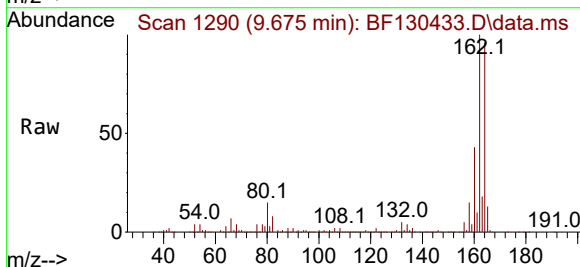
Instrument :
BNA_F
ClientSampleId :
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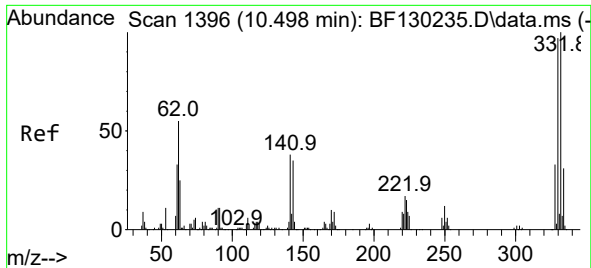
Tgt Ion: 82 Resp: 477007
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion: 164 Resp: 186821
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 45.0 36.2 54.4

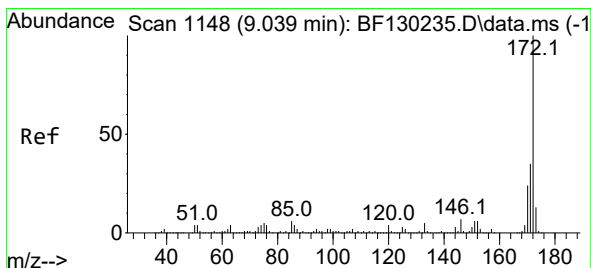
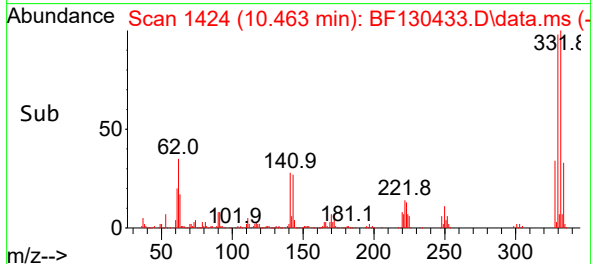
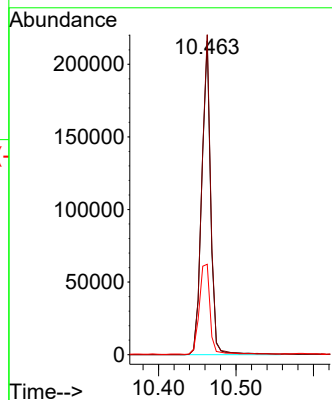
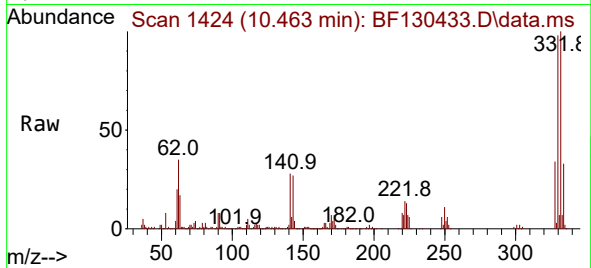




#42
2,4,6-Tribromophenol
Concen: 96.723 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

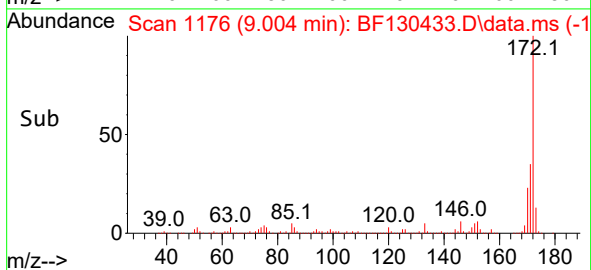
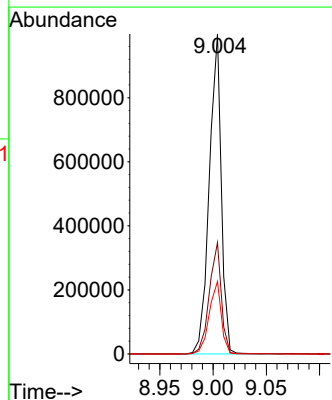
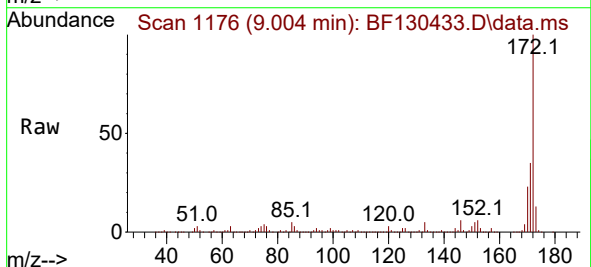
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BNA_F
ClientSampleId :
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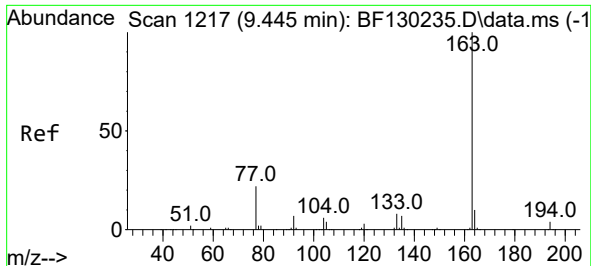
Tgt Ion:330 Resp: 173144
Ion Ratio Lower Upper
330 100
332 101.6 83.4 125.2
141 34.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 61.271 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion:172 Resp: 786068
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.7 18.7 28.1

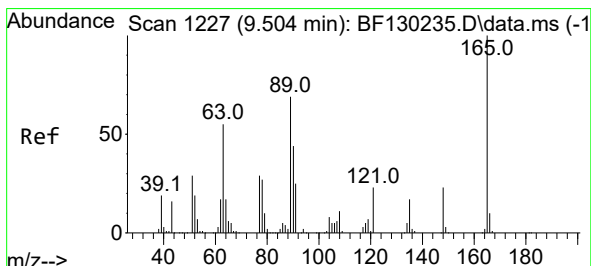
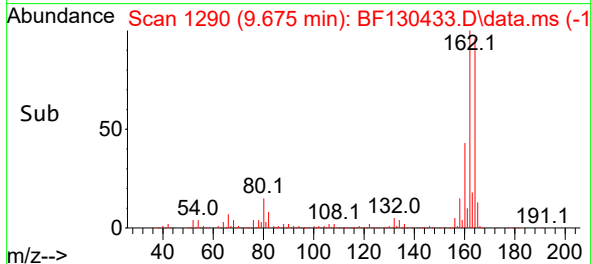
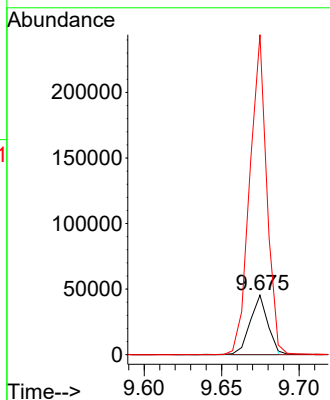
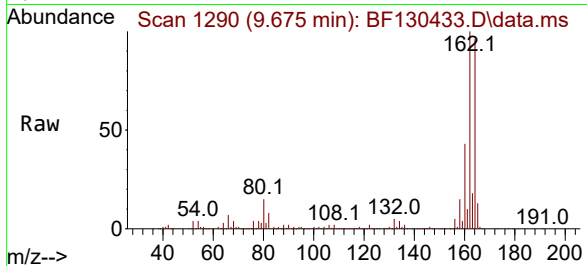




#50
Dimethylphthalate
Concen: 2.802 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

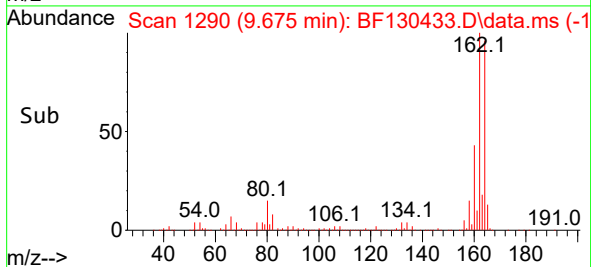
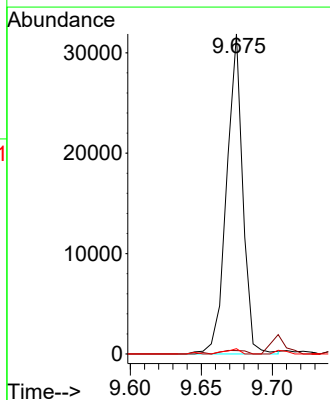
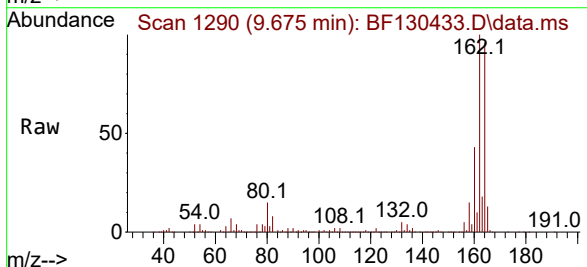
Instrument :
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ClientSampleId :
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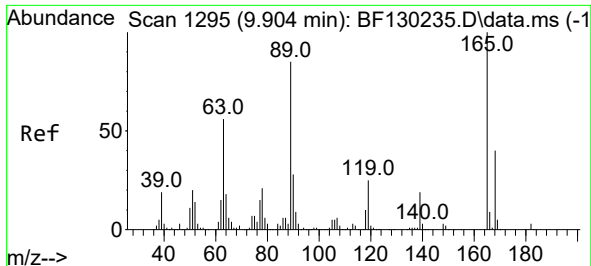
Tgt Ion:163 Resp: 36158
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 537.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.354 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion:165 Resp: 25245
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.6 54.5 81.7#

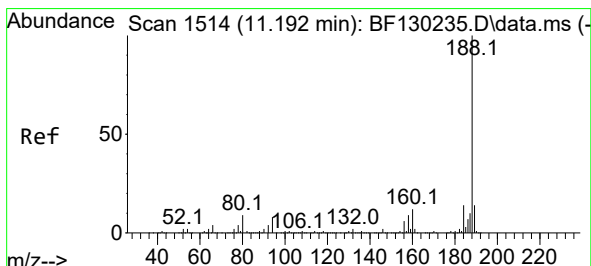
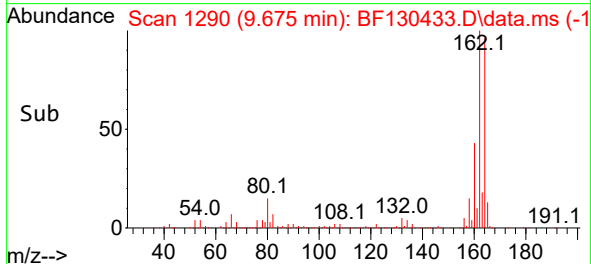
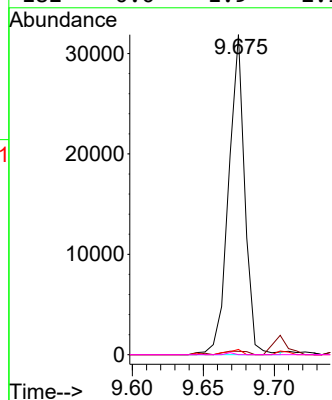
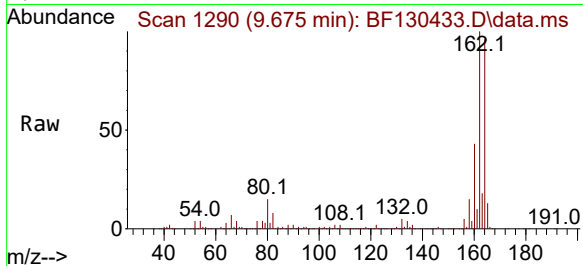




#57
2,4-Dinitrotoluene
Concen: 7.319 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.200 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

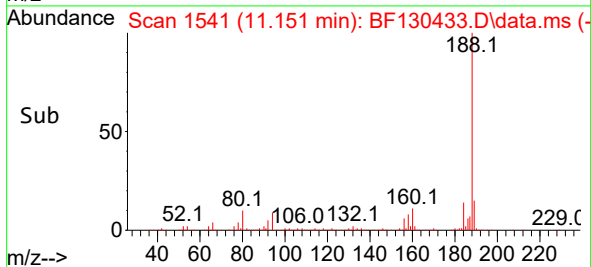
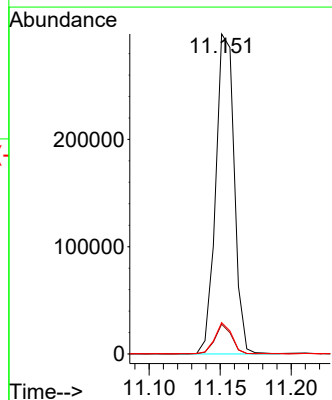
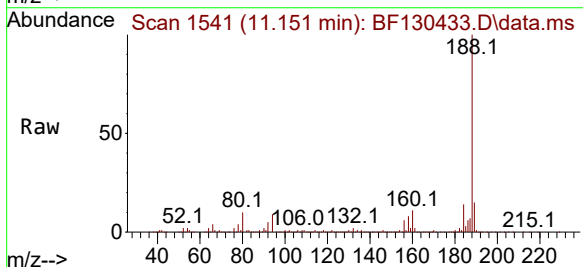
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ClientSampleId :
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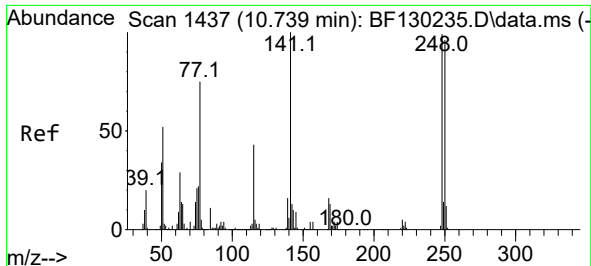
Tgt Ion:165 Resp: 25245
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion:188 Resp: 271005
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.8 7.9 11.9





#67

4-Bromophenyl-phenylether

Concen: 3.659 ng

RT: 10.463 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

WC-3

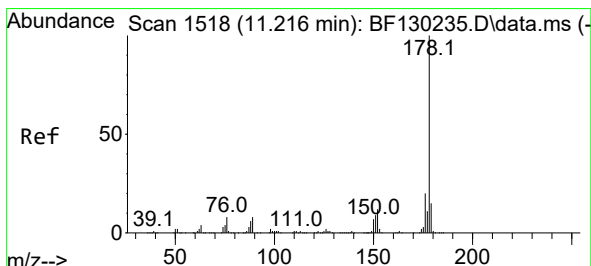
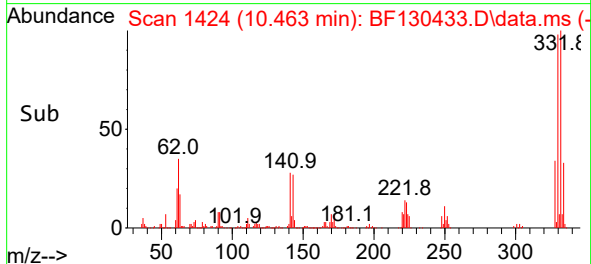
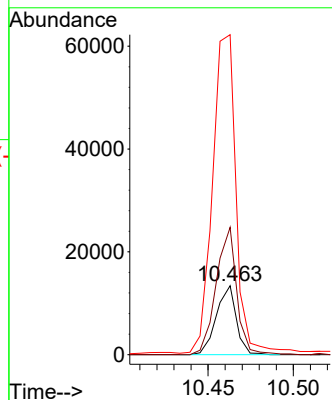
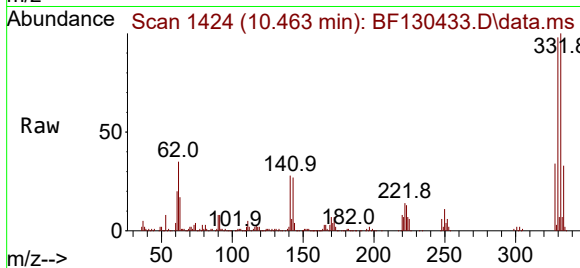
Tgt Ion:248 Resp: 10939

Ion Ratio Lower Upper

248 100

250 184.7 80.0 120.0#

141 464.0 68.5 102.7#



#71

Phenanthrene

Concen: 8.100 ng

RT: 11.175 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

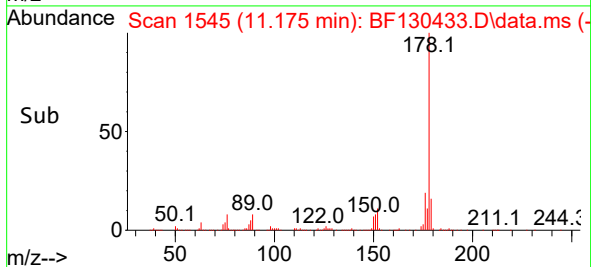
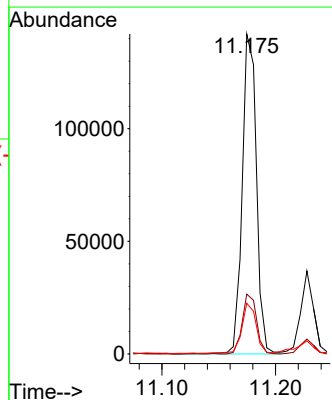
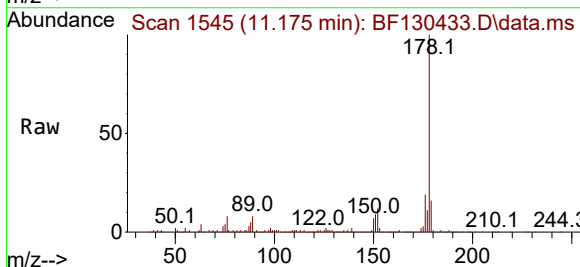
Tgt Ion:178 Resp: 123239

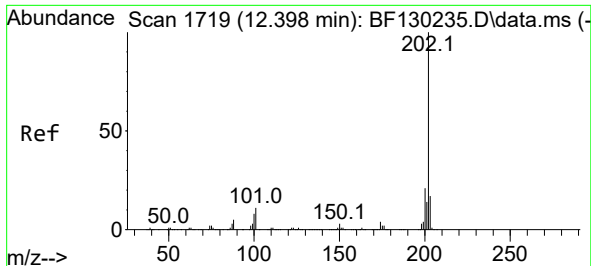
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.9 12.4 18.6

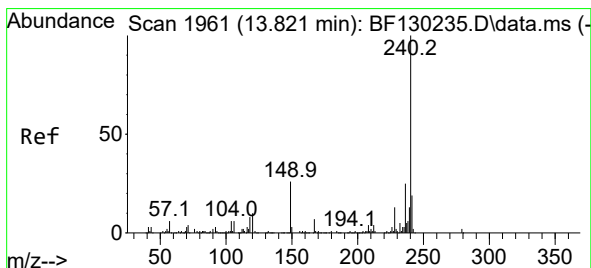
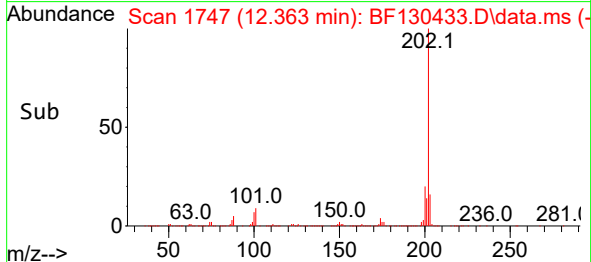
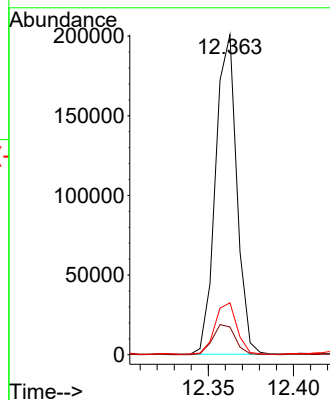
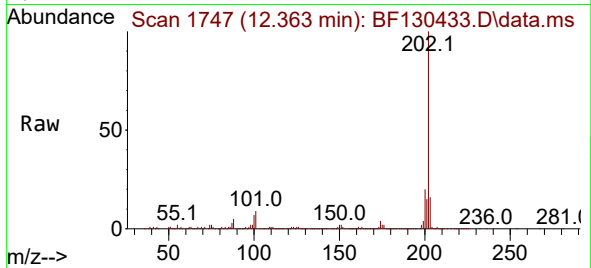




#75
Fluoranthene
Concen: 11.838 ng
RT: 12.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

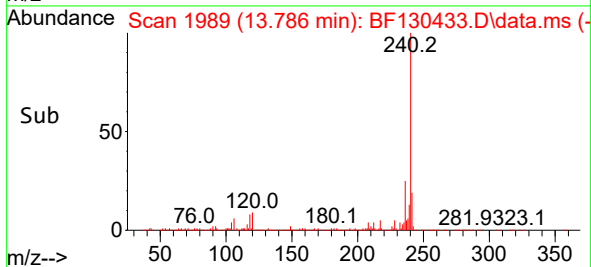
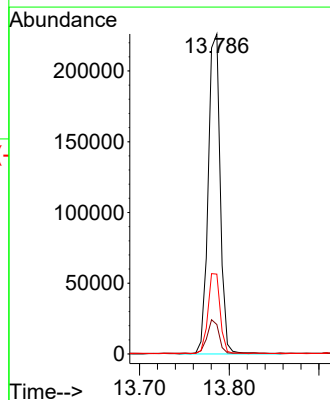
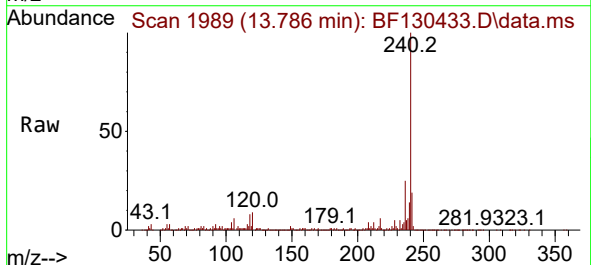
Instrument :
BNA_F
ClientSampleId :
WC-3

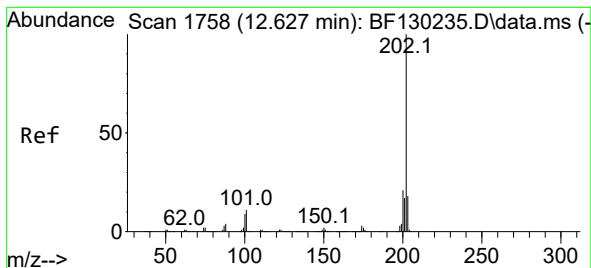
Tgt Ion:202 Resp: 174042
Ion Ratio Lower Upper
202 100
101 8.6 0.0 31.8
203 16.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion:240 Resp: 210703
Ion Ratio Lower Upper
240 100
120 9.2 8.7 13.1
236 25.0 20.9 31.3





#78

Pyrene

Concen: 8.424 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

WC-3

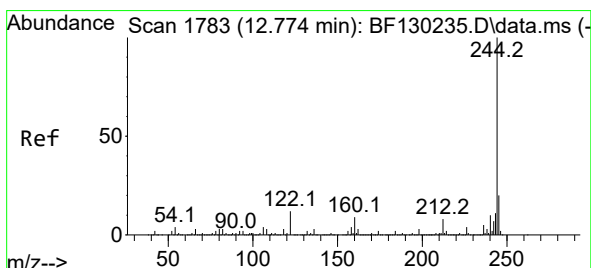
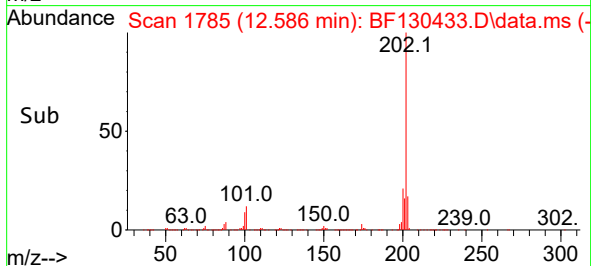
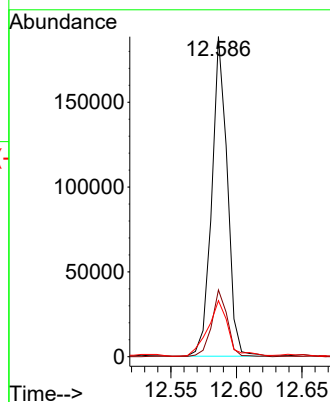
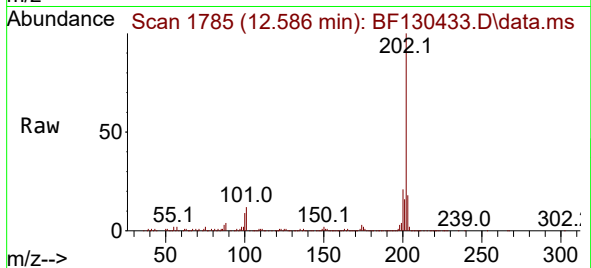
Tgt Ion:202 Resp: 155276

Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.5 14.3 21.5



#79

Terphenyl-d14

Concen: 47.362 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

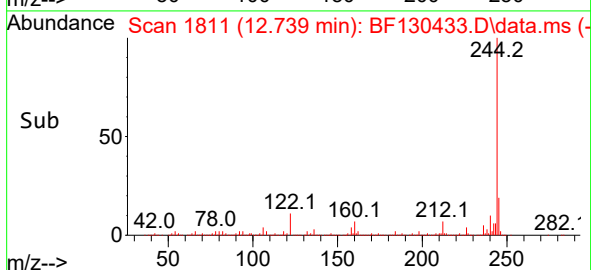
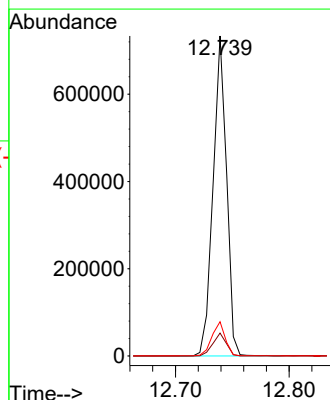
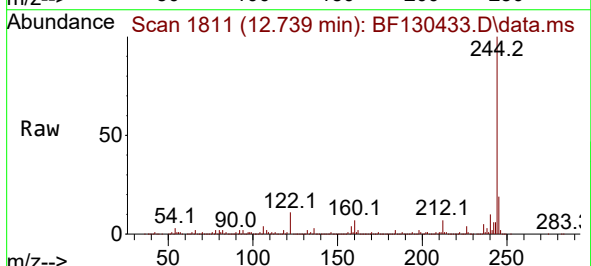
Tgt Ion:244 Resp: 602433

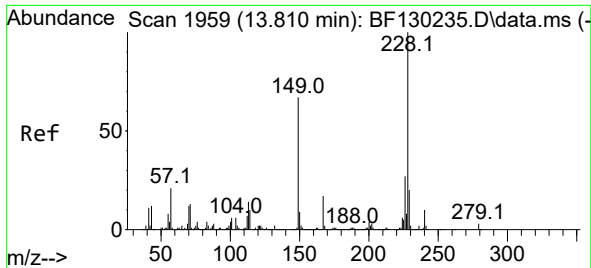
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.7 8.5 12.7

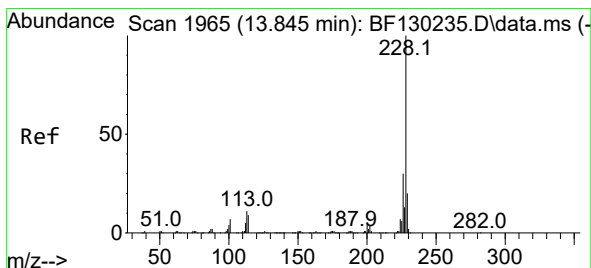
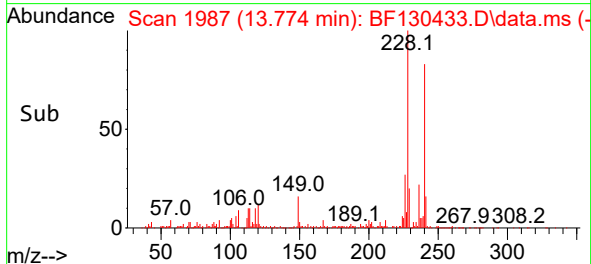
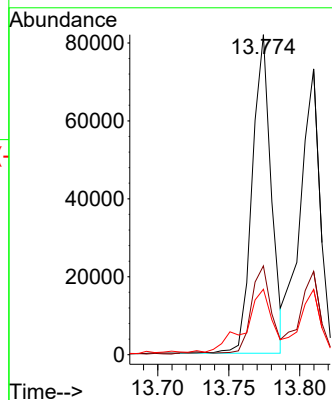
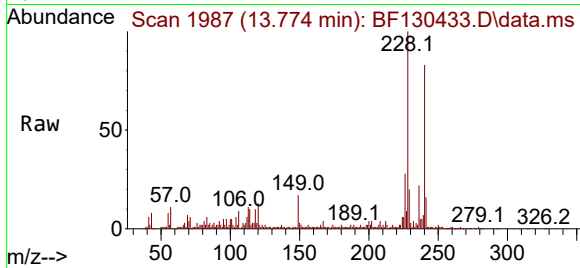




#81
Benzo(a)anthracene
Concen: 5.401 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

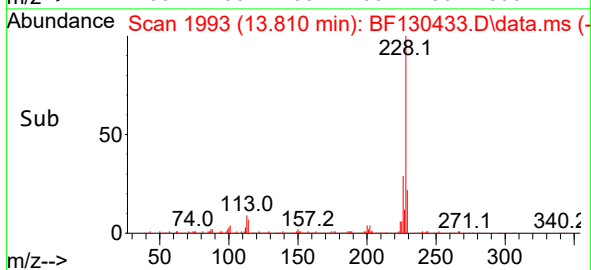
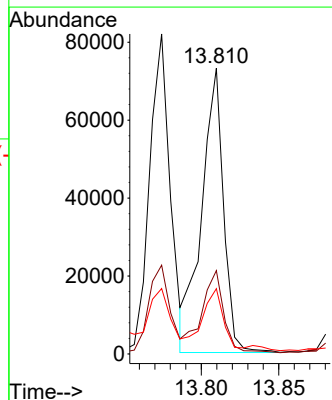
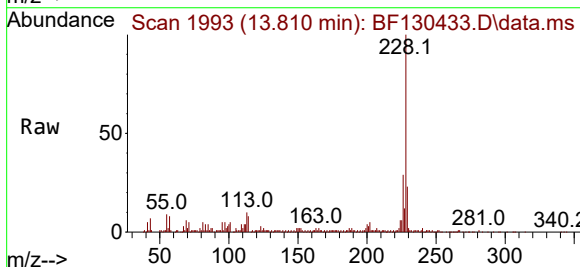
Instrument :
BNA_F
ClientSampleId :
WC-3

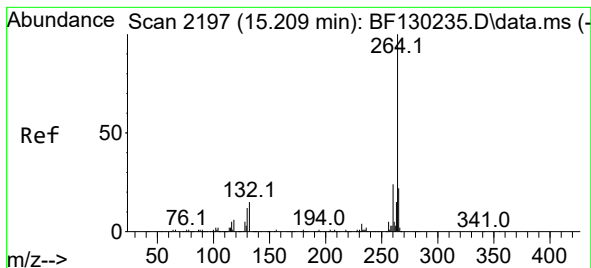
Tgt Ion:228 Resp: 75703
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 20.4 16.1 24.1



#83
Chrysene
Concen: 5.401 ng
RT: 13.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF130433.D
Acq: 27 Sep 2022 19:47

Tgt Ion:228 Resp: 71886
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.8
229 22.8 15.3 22.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

WC-3

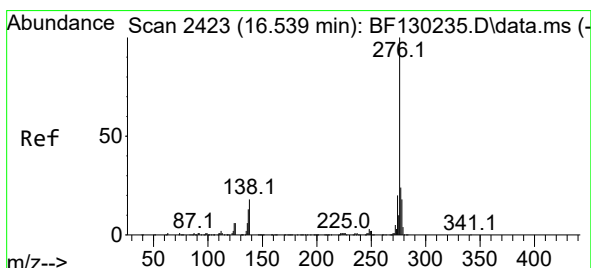
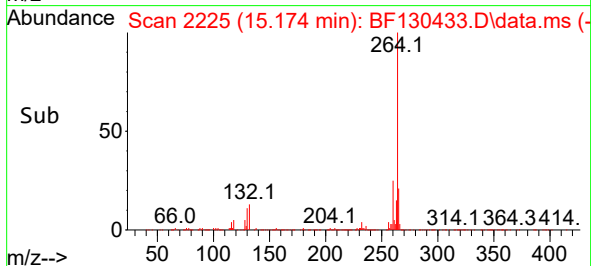
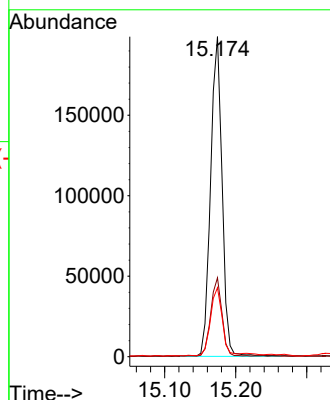
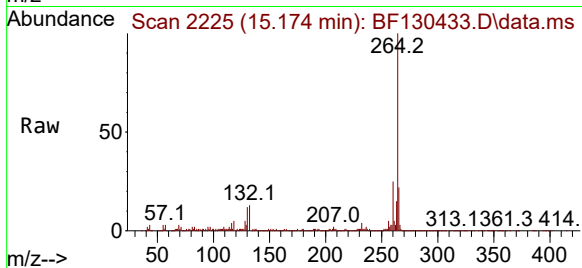
Tgt Ion:264 Resp: 224495

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.5 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.422 ng

RT: 16.486 min Scan# 2448

Delta R.T. -0.012 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

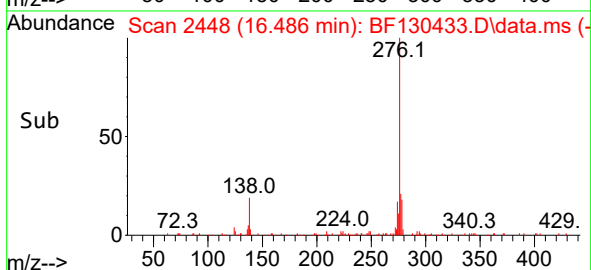
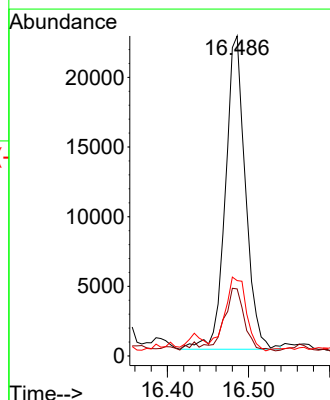
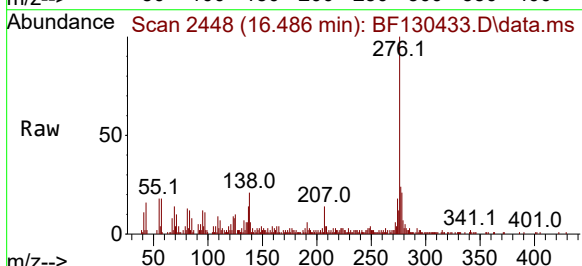
Tgt Ion:276 Resp: 38558

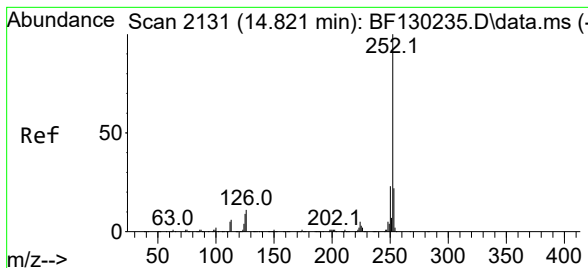
Ion Ratio Lower Upper

276 100

138 20.9 18.5 27.7

277 25.3 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 8.563 ng

RT: 14.786 min Scan# 2159

Delta R.T. 0.000 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

WC-3

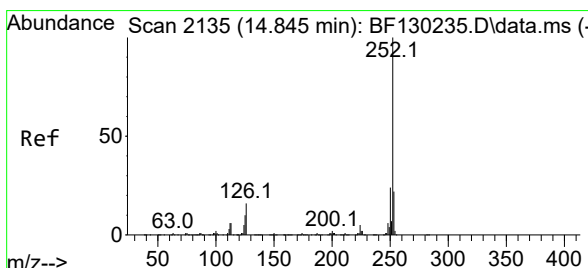
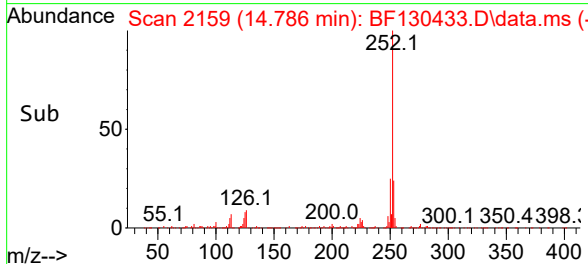
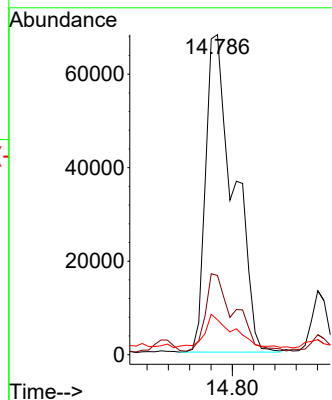
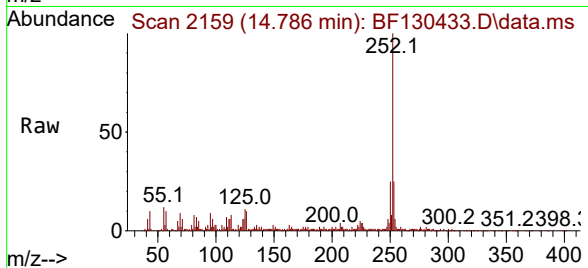
Tgt Ion:252 Resp: 125472

Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 10.9 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 8.705 ng

RT: 14.786 min Scan# 2159

Delta R.T. -0.029 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

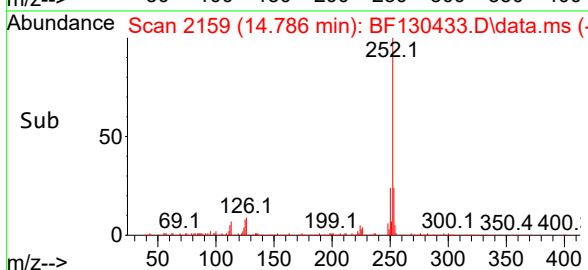
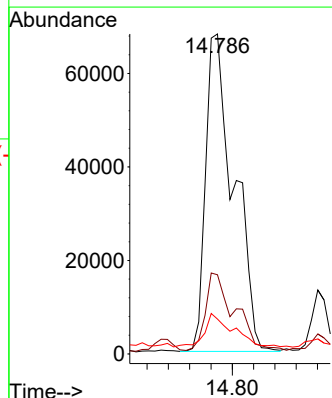
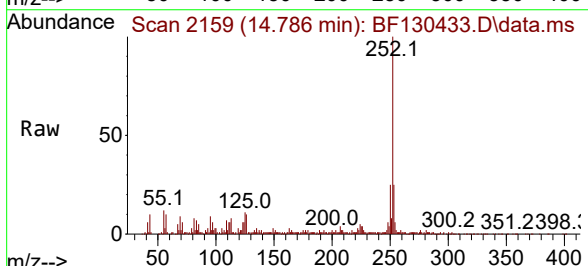
Tgt Ion:252 Resp: 125472

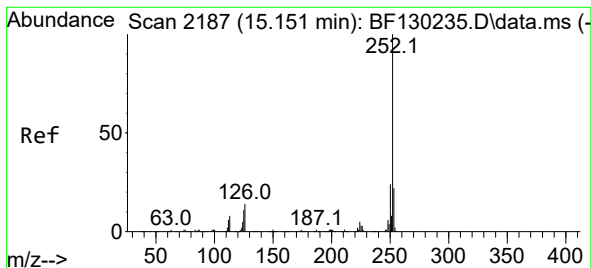
Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.2

125 10.9 7.9 11.9





#90

Benzo(a)pyrene

Concen: 5.739 ng

RT: 15.116 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

WC-3

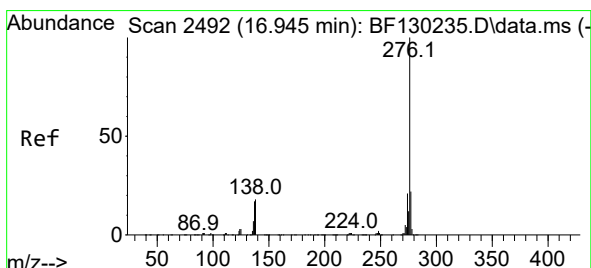
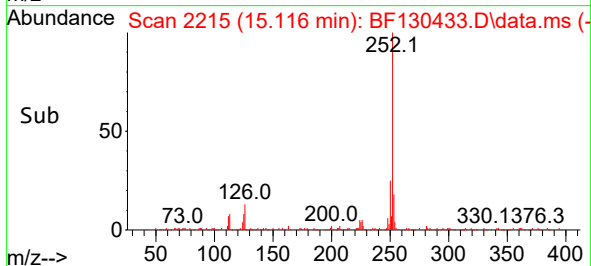
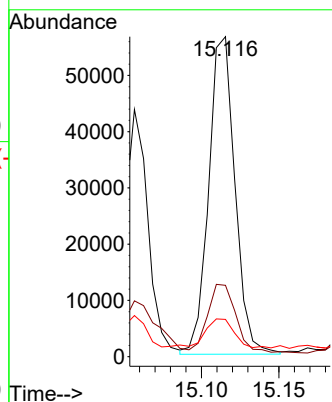
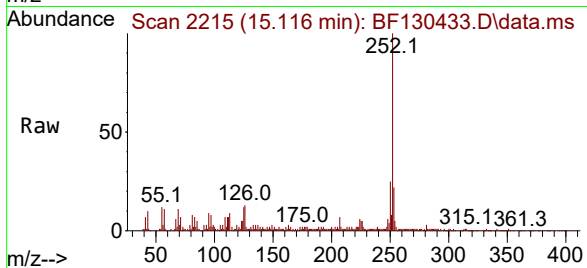
Tgt Ion:252 Resp: 66615

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.6 9.0 13.6



#92

Benzo(g,h,i)perylene

Concen: 2.902 ng

RT: 16.880 min Scan# 2515

Delta R.T. -0.012 min

Lab File: BF130433.D

Acq: 27 Sep 2022 19:47

Tgt Ion:276 Resp: 38177

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 18.0 14.6 21.8

