

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132728.D
 Acq On : 09 Mar 2023 20:39
 Operator : CG\JU
 Sample : 01828-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AVENEL-60

Quant Time: Mar 10 03:40:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

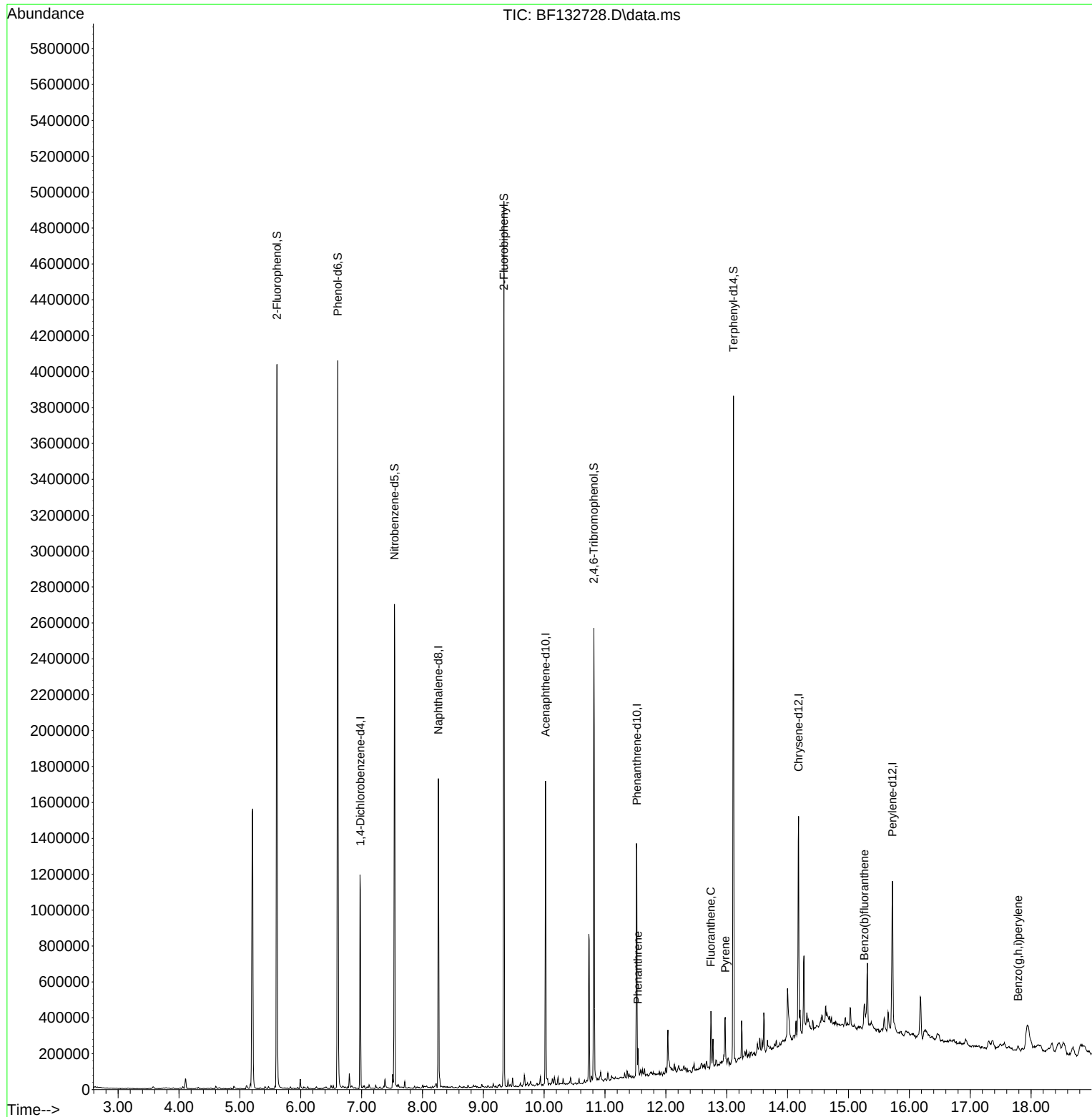
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	178066	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	649545	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	316320	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	514146	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	398719	20.000	ng	0.00
86) Perylene-d12	15.721	264	385654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1133183	103.283	ng	0.00
7) Phenol-d6	6.610	99	1407303	98.283	ng	-0.01
23) Nitrobenzene-d5	7.540	82	898616	65.637	ng	-0.02
42) 2,4,6-Tribromophenol	10.816	330	297087	86.966	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1374471	66.163	ng	0.00
79) Terphenyl-d14	13.110	244	1254882	53.213	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.539	178	55734	2.092	ng	98
75) Fluoranthene	12.739	202	114948	3.948	ng	99
78) Pyrene	12.974	202	107360	2.962	ng	100
88) Benzo(b)fluoranthene	15.257	252	79420	3.073	ng	# 89
92) Benzo(g,h,i)perylene	17.786	276	23718	2.599	ng	# 91

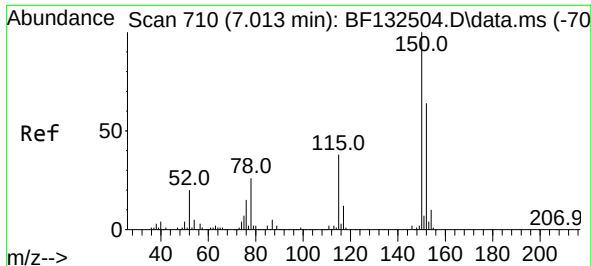
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
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Operator : CG\JU
Sample : 01828-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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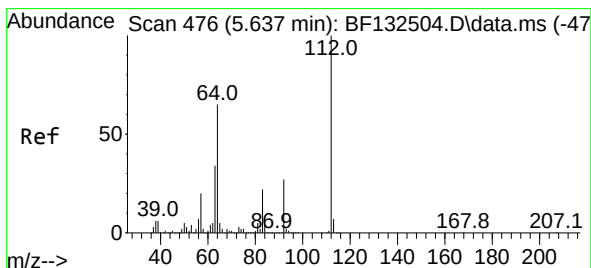
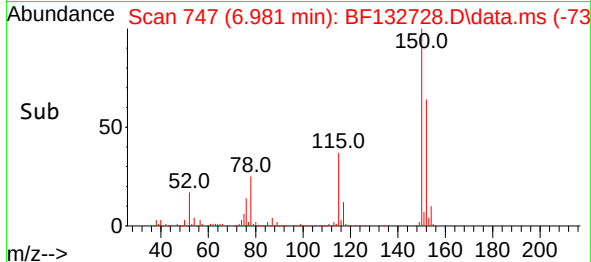
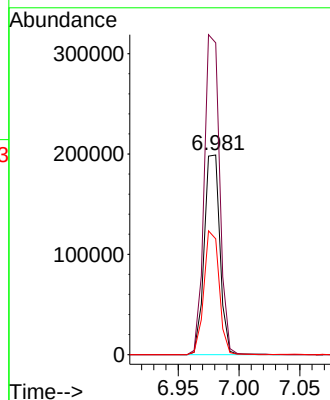
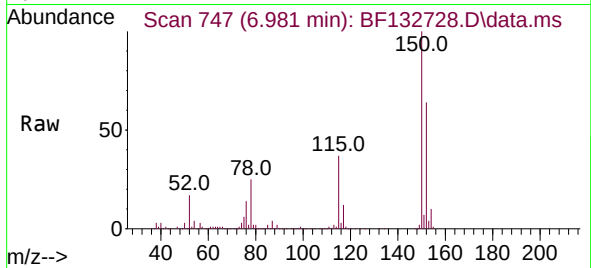




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

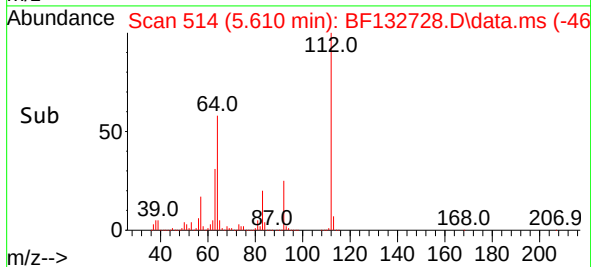
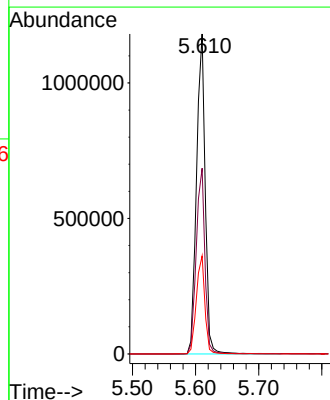
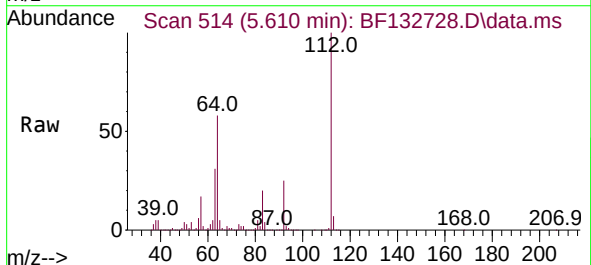
Instrument :
BNA_F
ClientSampleId :
AVENEL-60

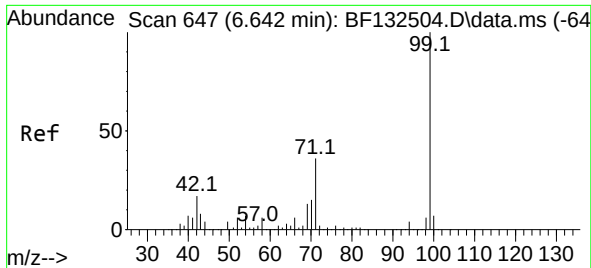
Tgt Ion:152 Resp: 178066
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.2
115 58.0 47.8 71.6



#5
2-Fluorophenol
Concen: 103.283 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

Tgt Ion:112 Resp: 1133183
Ion Ratio Lower Upper
112 100
64 58.0 51.6 77.4
63 30.6 27.4 41.2

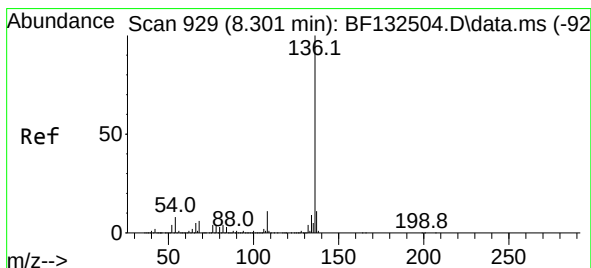
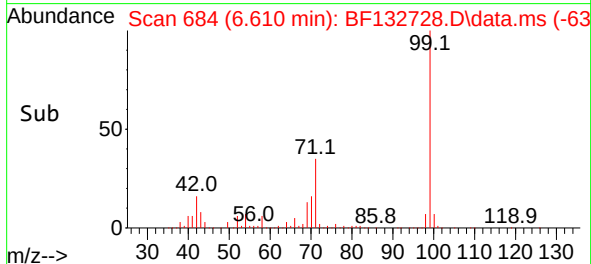
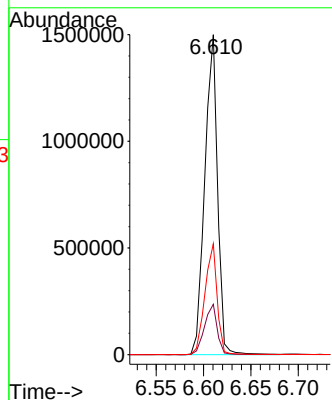
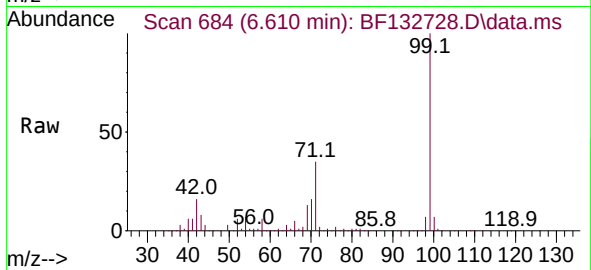




#7
Phenol-d6
Concen: 98.283 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

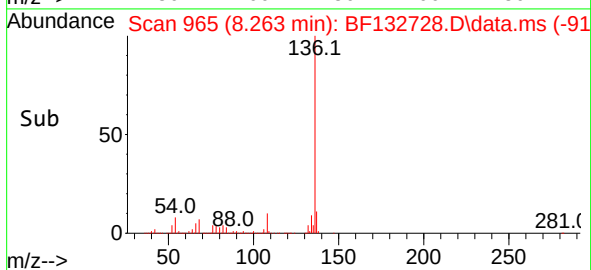
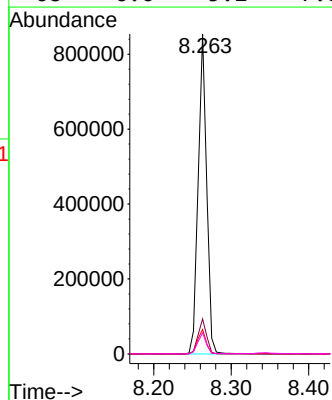
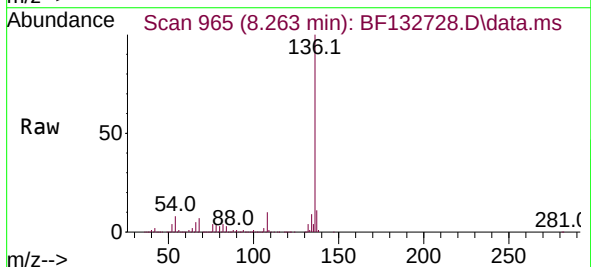
Instrument :
BNA_F
ClientSampleId :
AVENEL-60

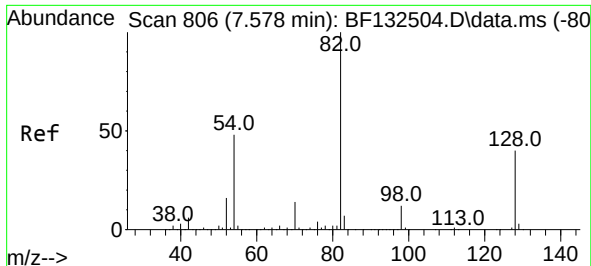
Tgt Ion: 99 Resp: 1407303
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 34.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

Tgt Ion: 136 Resp: 649545
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.2 9.4
68 6.6 5.2 7.8

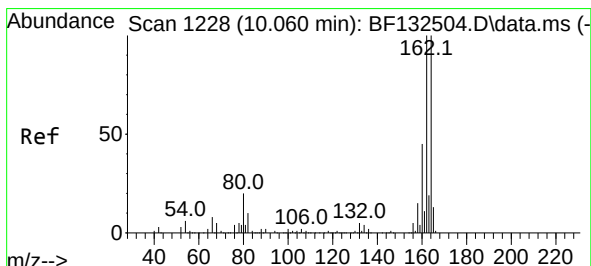
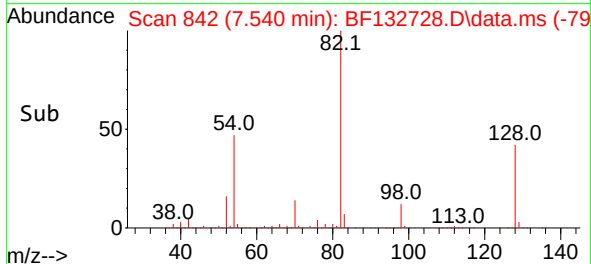
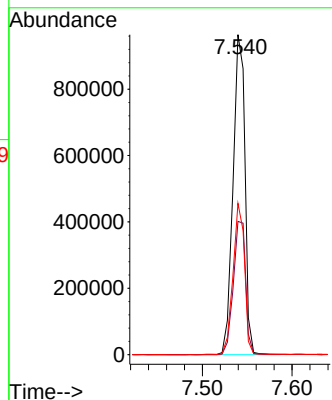
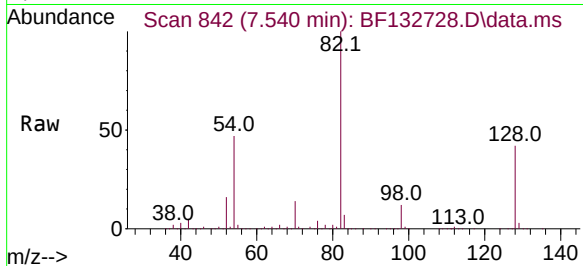




#23
Nitrobenzene-d5
Concen: 65.637 ng
RT: 7.540 min Scan# 84
Delta R.T. -0.017 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

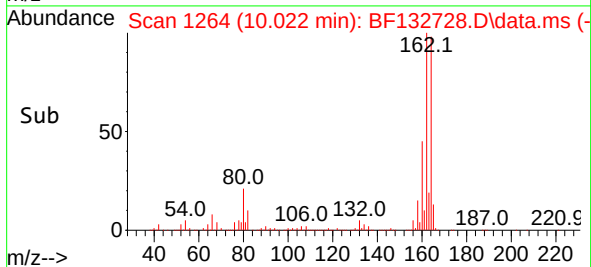
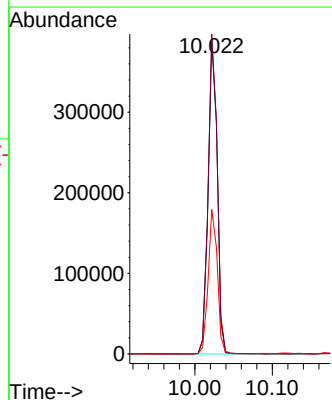
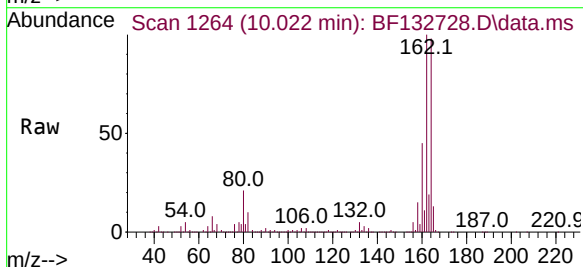
Instrument :
BNA_F
ClientSampleId :
AVENEL-60

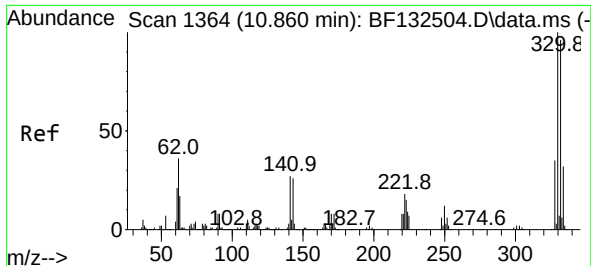
Tgt Ion: 82 Resp: 898616
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 47.3 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

Tgt Ion:164 Resp: 316320
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 46.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 86.966 ng

RT: 10.816 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BF132728.D

Acq: 09 Mar 2023 20:39

Instrument :

BNA_F

ClientSampleId :

AVENEL-60

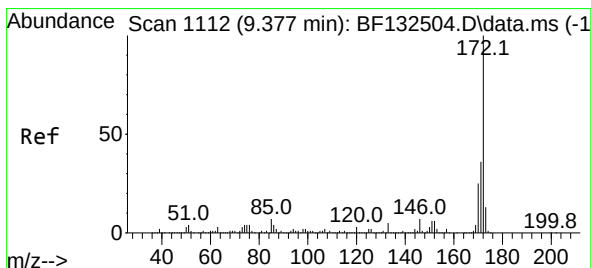
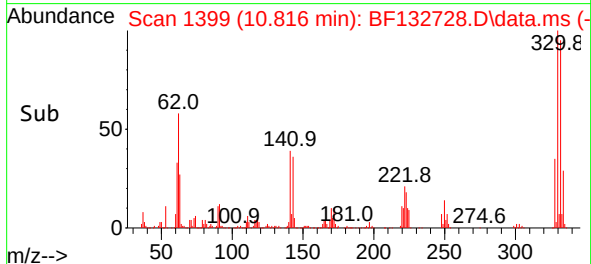
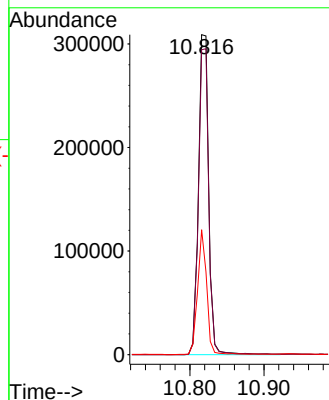
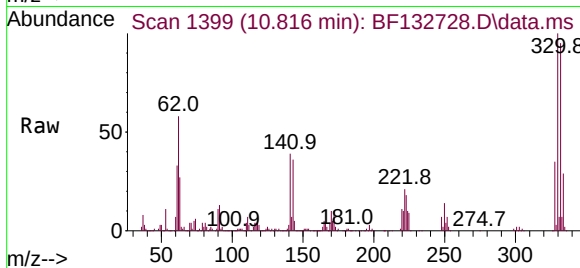
Tgt Ion:330 Resp: 297087

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 34.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 66.163 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132728.D

Acq: 09 Mar 2023 20:39

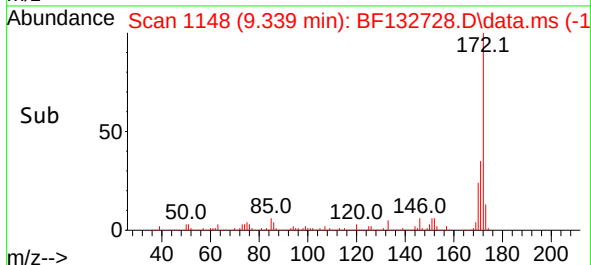
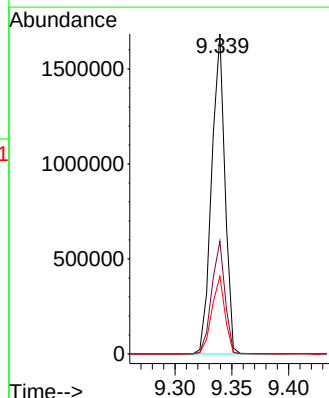
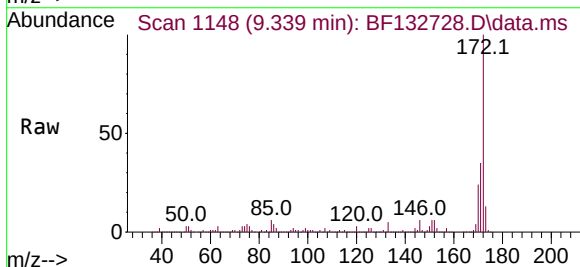
Tgt Ion:172 Resp: 1374471

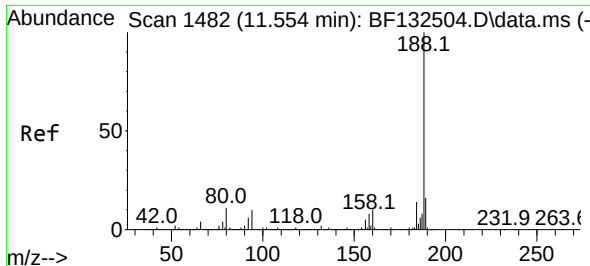
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.3 19.7 29.5

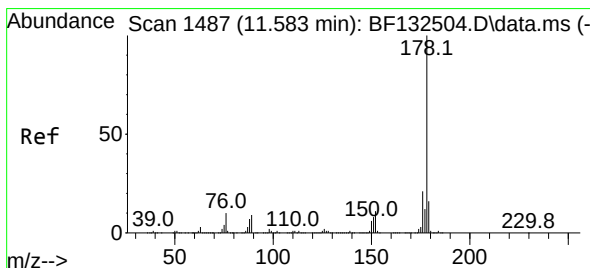
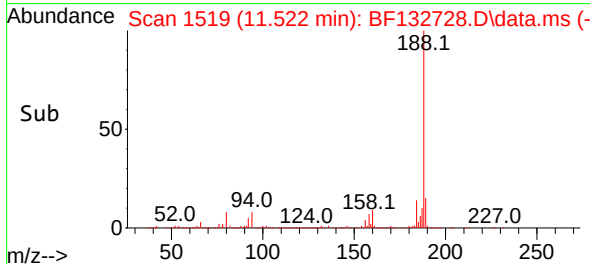
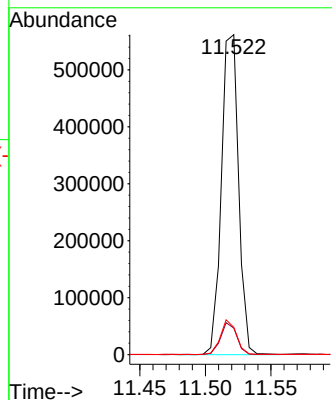
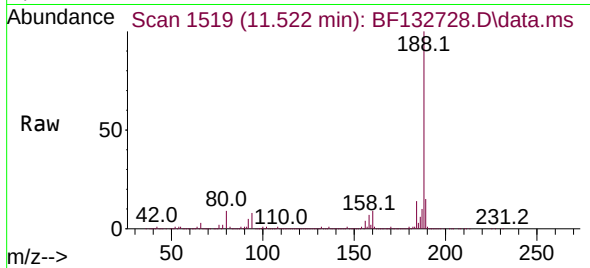




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11522
Delta R.T. -0.006 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

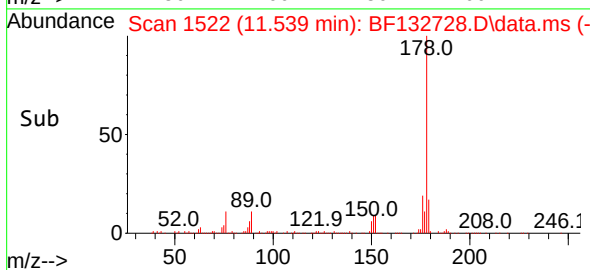
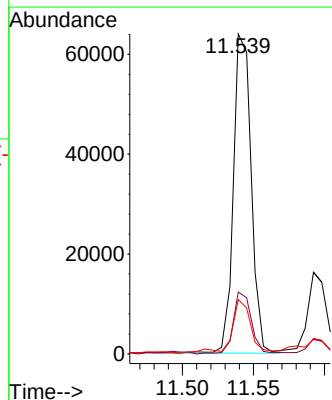
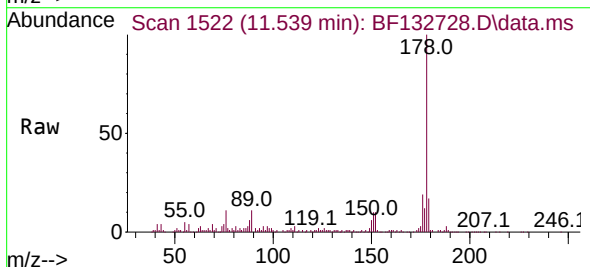
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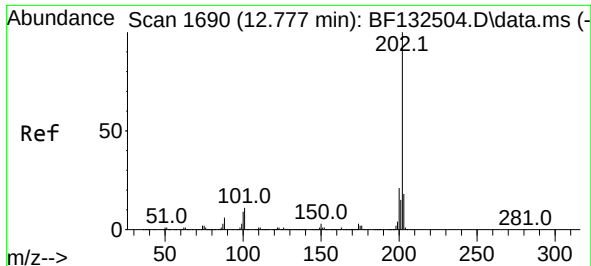
Tgt Ion:188 Resp: 514146
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5#
80 8.5 8.7 13.1#



#71
Phenanthrene
Concen: 2.092 ng
RT: 11.539 min Scan# 1522
Delta R.T. -0.017 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

Tgt Ion:178 Resp: 55734
Ion Ratio Lower Upper
178 100
176 19.4 16.5 24.7
179 17.0 13.0 19.6

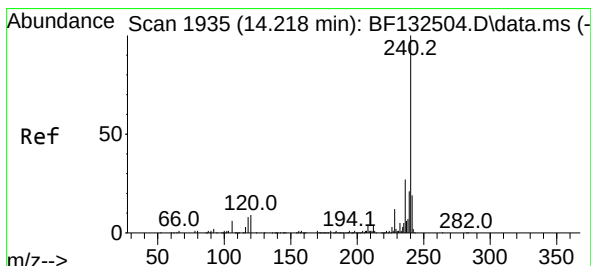
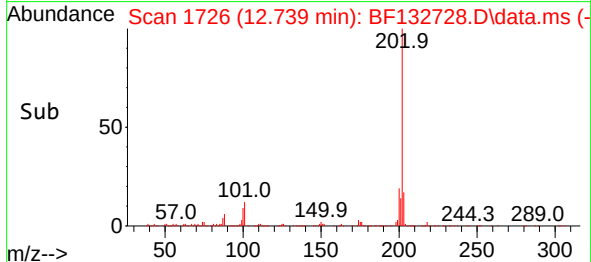
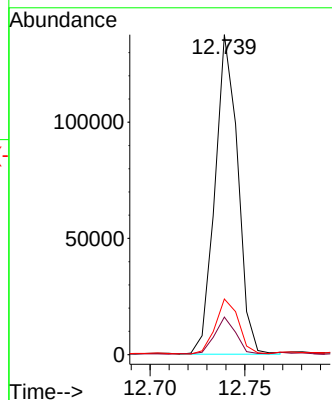
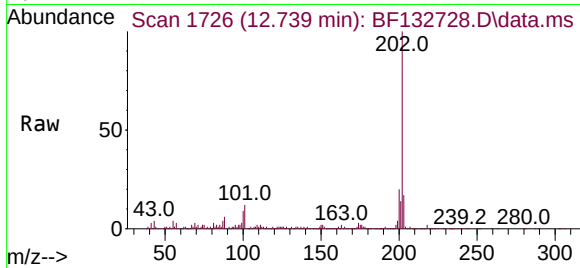




#75
Fluoranthene
Concen: 3.948 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

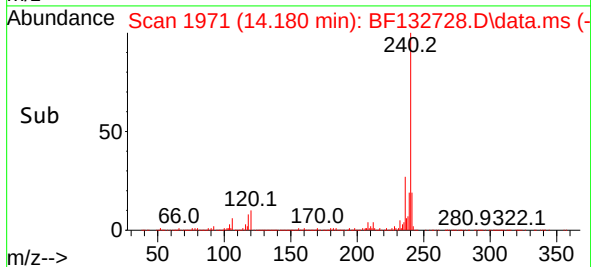
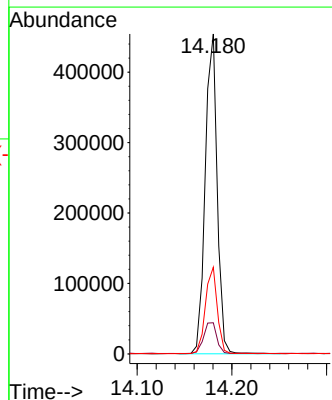
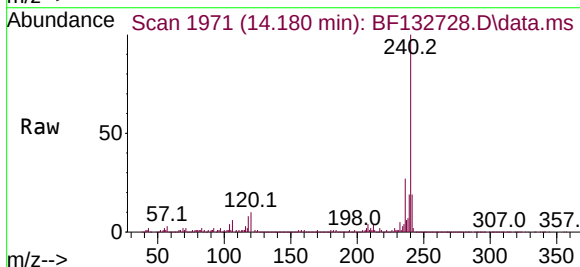
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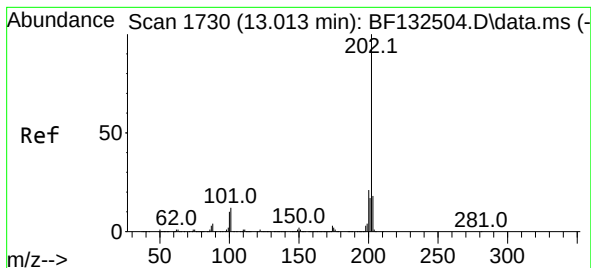
Tgt Ion:202 Resp: 114948
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

Tgt Ion:240 Resp: 398719
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 27.1 21.8 32.6





#78

Pyrene

Concen: 2.962 ng

RT: 12.974 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BF132728.D

Acq: 09 Mar 2023 20:39

Instrument :

BNA_F

ClientSampleId :

AVENEL-60

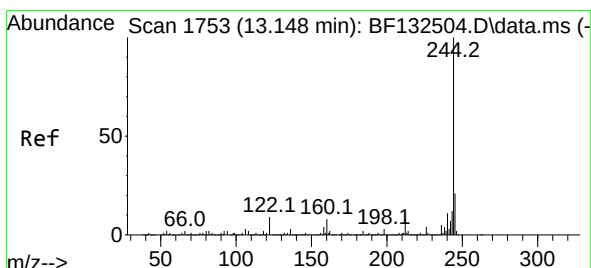
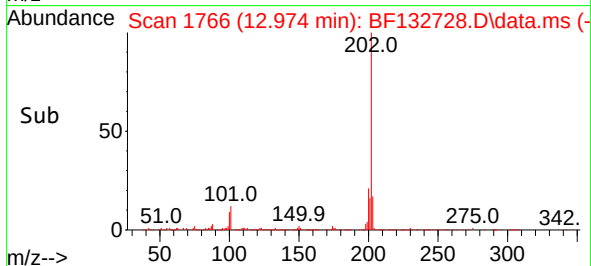
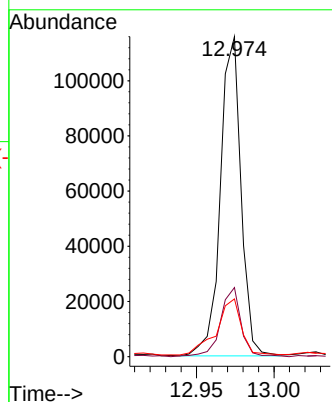
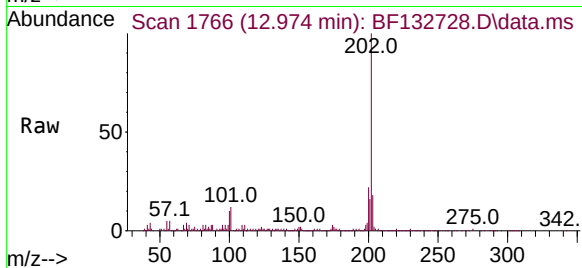
Tgt Ion:202 Resp: 107360

Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 18.0 14.6 21.8



#79

Terphenyl-d14

Concen: 53.213 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF132728.D

Acq: 09 Mar 2023 20:39

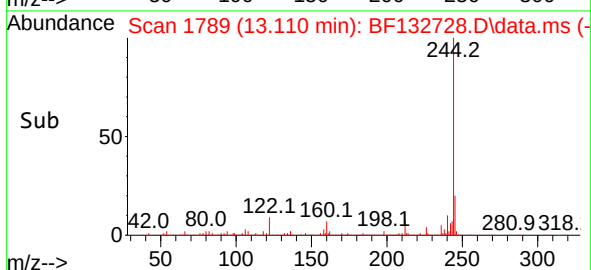
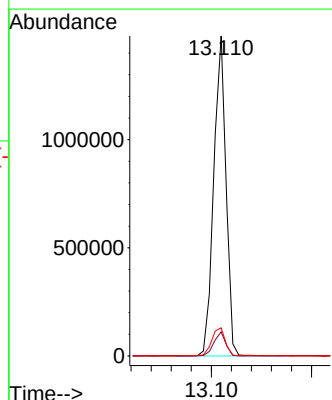
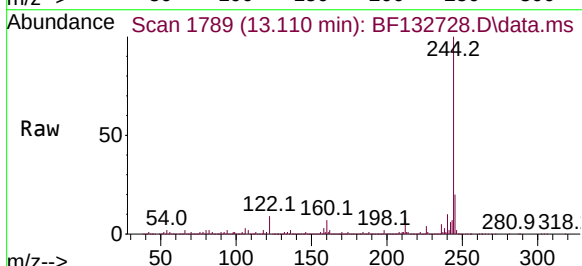
Tgt Ion:244 Resp: 1254882

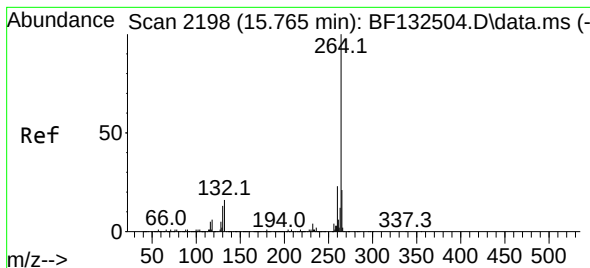
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 8.8 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132728.D

Acq: 09 Mar 2023 20:39

Instrument :

BNA_F

ClientSampleId :

AVENEL-60

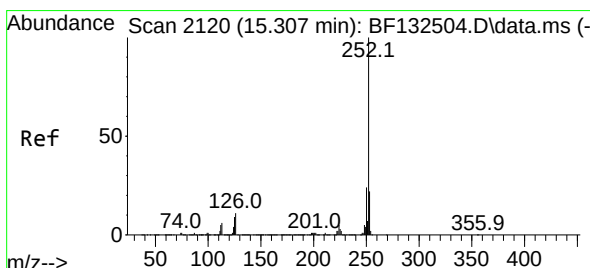
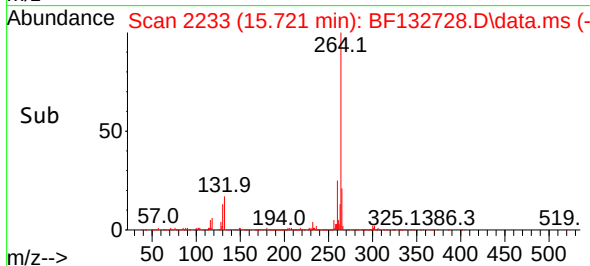
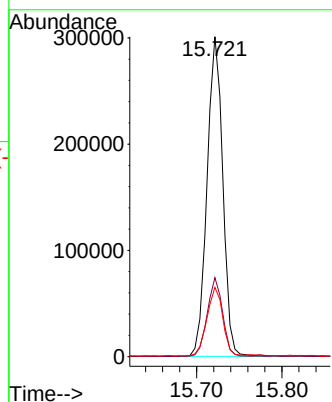
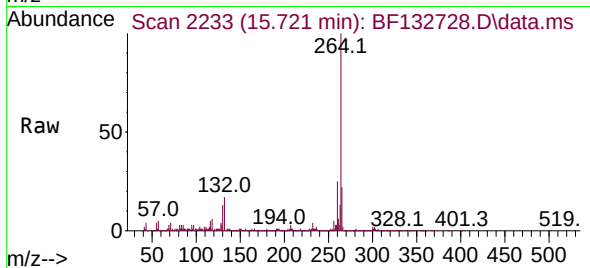
Tgt Ion:264 Resp: 385654

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.7 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 3.073 ng

RT: 15.257 min Scan# 2154

Delta R.T. -0.012 min

Lab File: BF132728.D

Acq: 09 Mar 2023 20:39

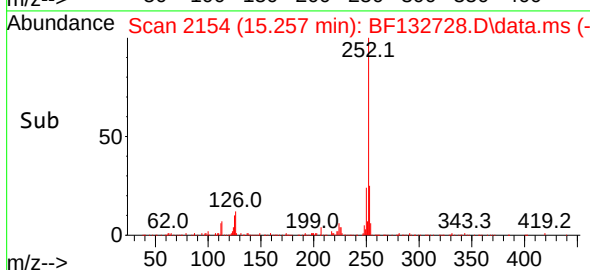
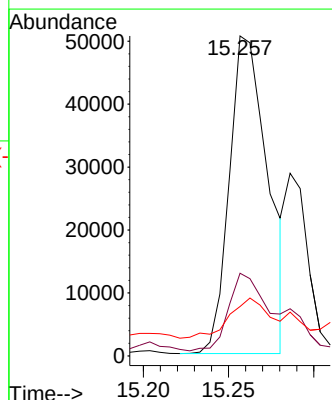
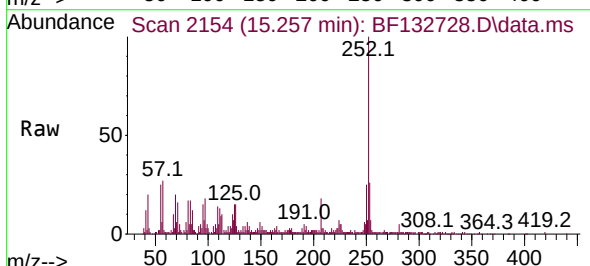
Tgt Ion:252 Resp: 79420

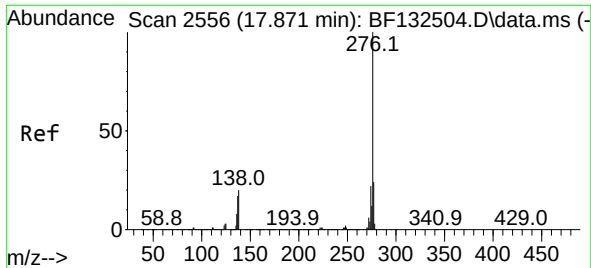
Ion Ratio Lower Upper

252 100

253 25.8 17.4 26.0

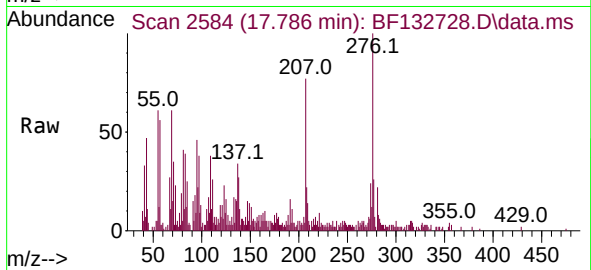
125 15.4 7.0 10.6#





#92
Benzo(g,h,i)perylene
Concen: 2.599 ng
RT: 17.786 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF132728.D
Acq: 09 Mar 2023 20:39

Instrument :
BNA_F
ClientSampleId :
AVENEL-60



Tgt Ion:	276	Resp:	23718
Ion Ratio	Lower	Upper	
276	100		
277	26.1	18.9	28.3
138	26.6	16.2	24.4#

