

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138646.D
 Acq On : 24 Jul 2024 18:17
 Operator : RC/JU
 Sample : P3341-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-072324

Quant Time: Jul 25 01:04:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

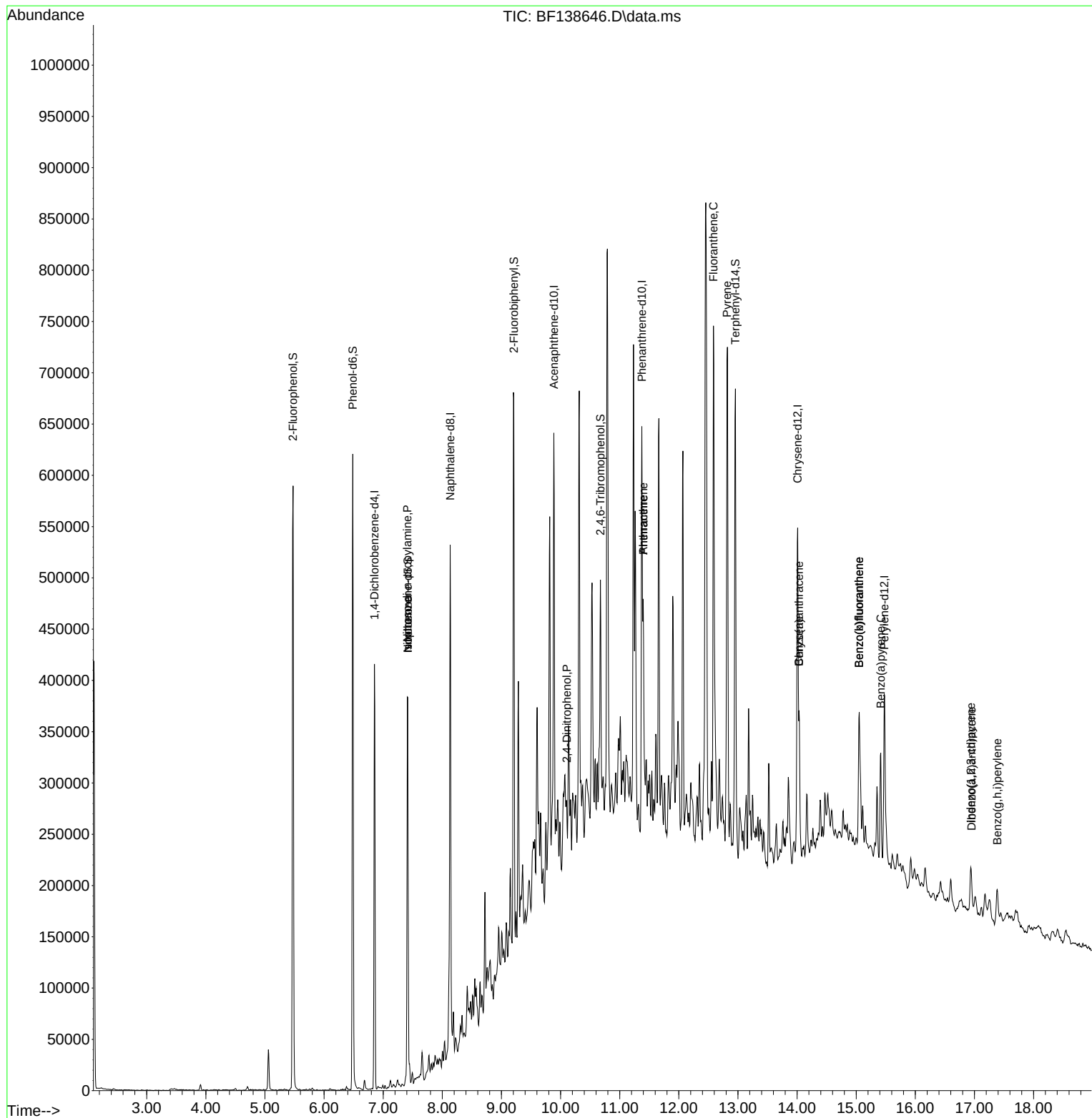
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	77493	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	279251	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	111660	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	178552	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	95831	20.000	ng	-0.02
86) Perylene-d12	15.474	264	90450	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	199604	40.794	ng	-0.02
7) Phenol-d6	6.487	99	262066	40.261	ng	-0.02
23) Nitrobenzene-d5	7.416	82	162537	28.577	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	37224	35.670	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	232901	32.599	ng	-0.02
79) Terphenyl-d14	12.957	244	197370	33.553	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	23922	5.948	ng	# 73
25) Isophorone	7.416	82	161226	16.506	ng	# 68
54) 2,4-Dinitrophenol	10.104	184	126	4.801	ng	# 1
71) Phenanthrene	11.398	178	95562	10.594	ng	99
72) Anthracene	11.398	178	95562	10.672	ng	98
75) Fluoranthene	12.586	202	221620	24.077	ng	97
78) Pyrene	12.816	202	210306	21.618	ng	99
81) Benzo(a)anthracene	14.033	228	75205	11.695	ng	94
83) Chrysene	14.033	228	75205	12.363	ng	96
87) Indeno(1,2,3-cd)pyrene	16.939	276	37070	6.102	ng	# 90
88) Benzo(b)fluoranthene	15.051	252	111125	21.815	ng	# 93
89) Benzo(k)fluoranthene	15.051	252	111125	22.368	ng	# 93
90) Benzo(a)pyrene	15.415	252	62456	13.957	ng	95
91) Dibenzo(a,h)anthracene	16.951	278	10173	2.047	ng	# 72
92) Benzo(g,h,i)perylene	17.386	276	33118	6.284	ng	# 92

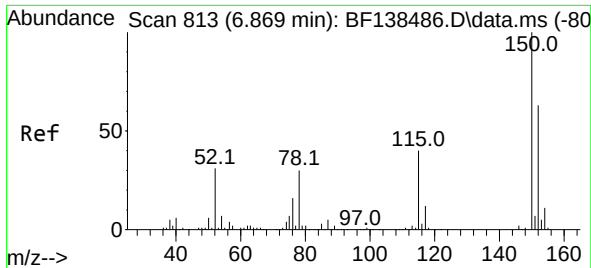
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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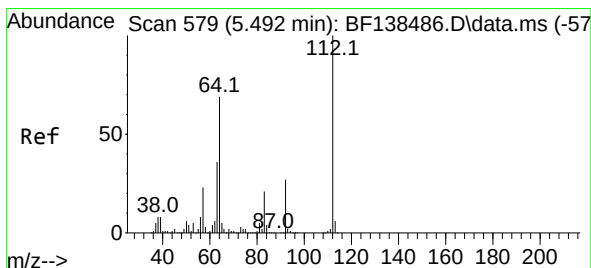
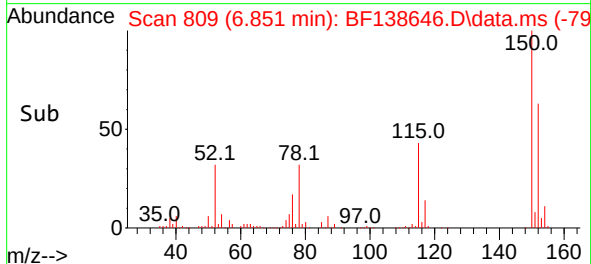
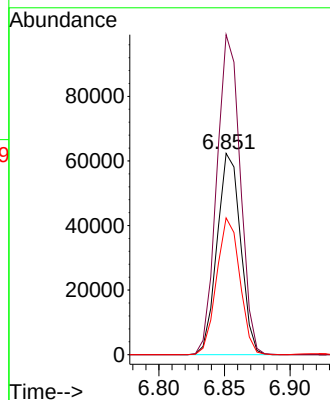
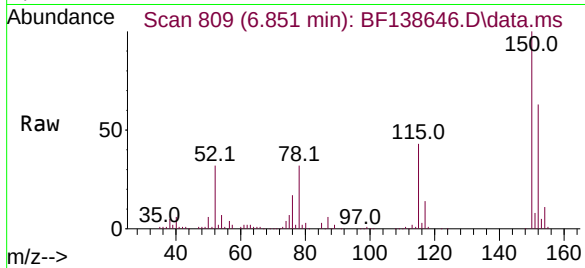




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

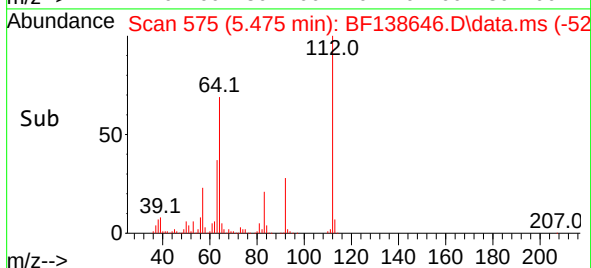
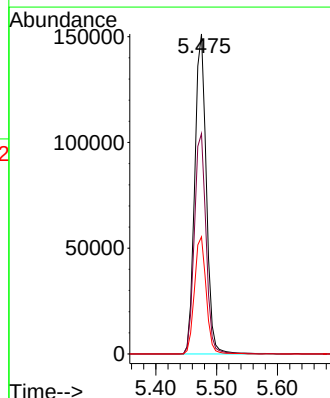
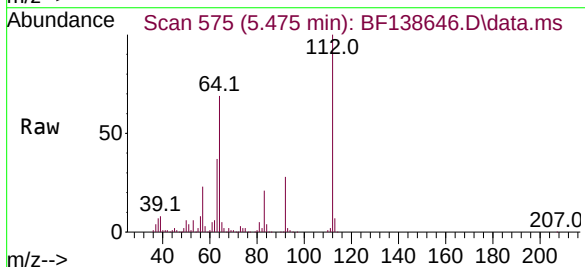
Instrument :
BNA_F
ClientSampleId :
AU-05-072324

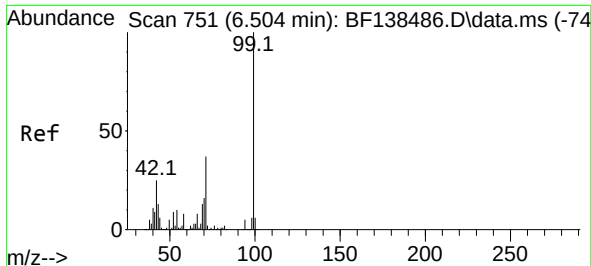
Tgt Ion:152 Resp: 77493
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 68.0 50.3 75.5



#5
2-Fluorophenol
Concen: 40.794 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

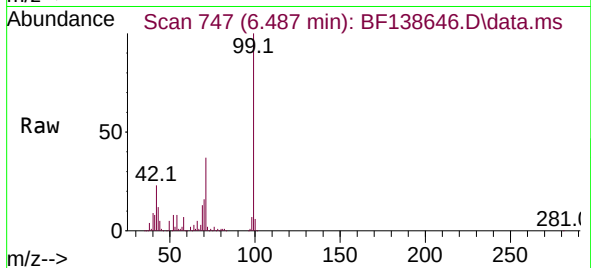
Tgt Ion:112 Resp: 199604
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 36.6 29.0 43.6



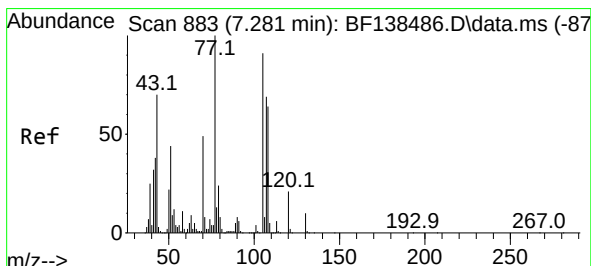
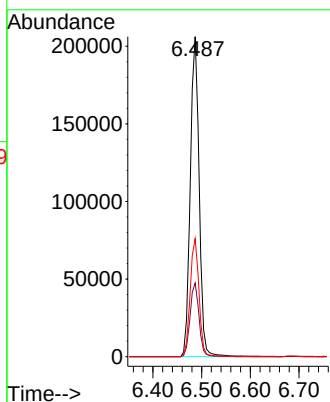
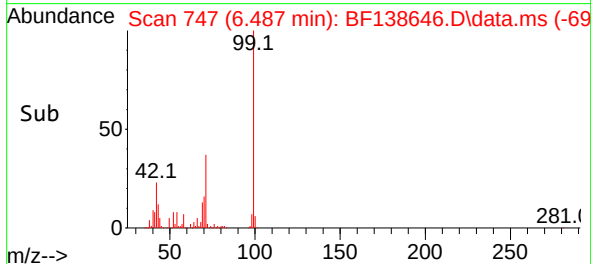


#7
Phenol-d6
Concen: 40.261 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

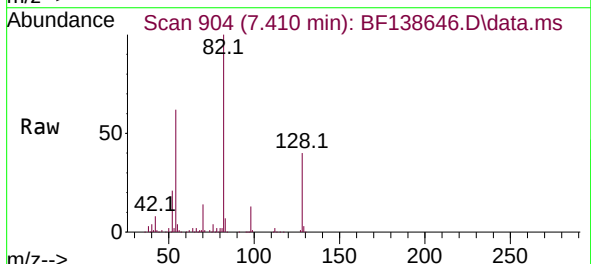
Instrument :
BNA_F
ClientSampleId :
AU-05-072324



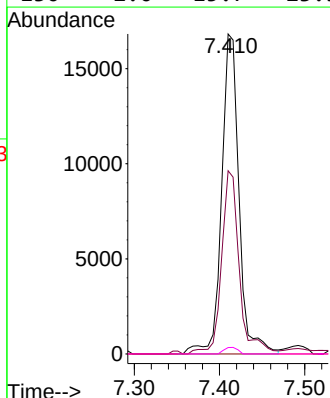
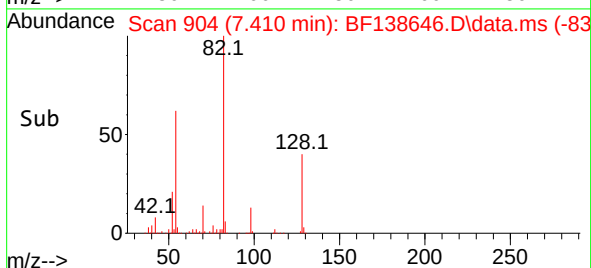
Tgt Ion: 99 Resp: 262066
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 36.9 29.9 44.9

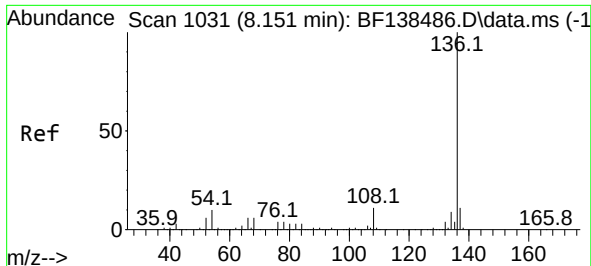


#19
n-Nitroso-di-n-propylamine
Concen: 5.948 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.130 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17



Tgt Ion: 70 Resp: 23922
Ion Ratio Lower Upper
70 100
42 57.3 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 15.7 23.5#



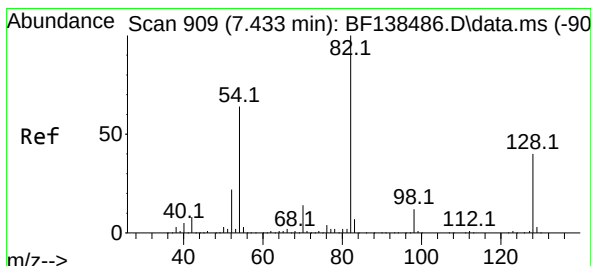
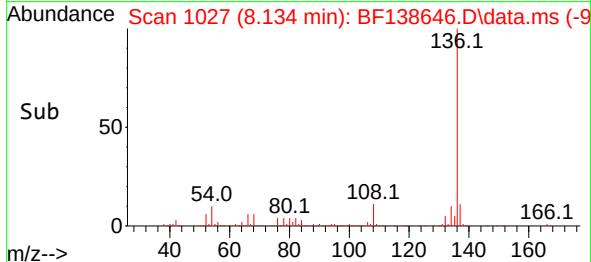
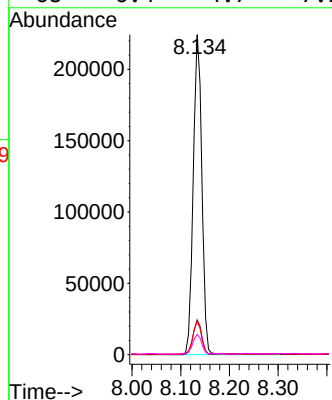
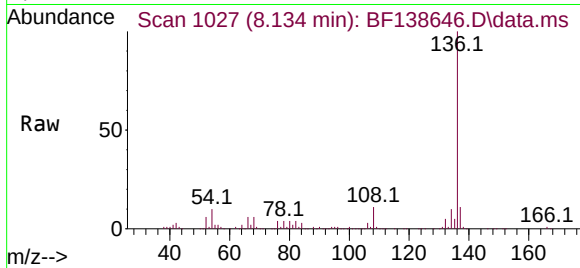


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Instrument :
BNA_F
ClientSampleId :
AU-05-072324

Tgt Ion:136 Resp: 279251

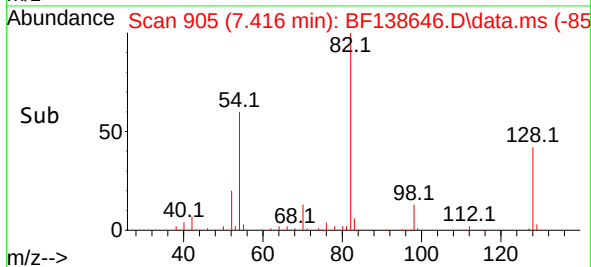
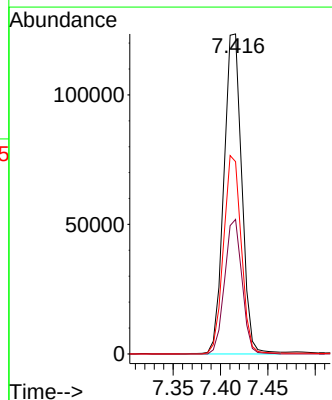
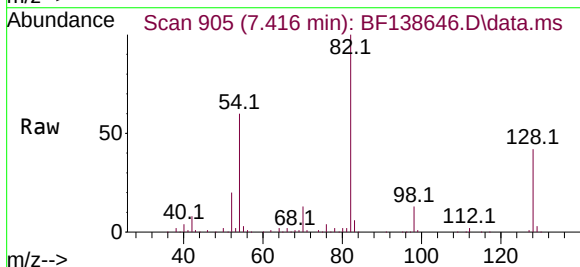
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.3	8.1	12.1
68	6.4	4.7	7.1

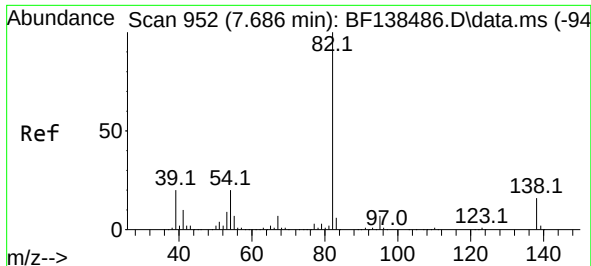


#23
Nitrobenzene-d5
Concen: 28.577 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Tgt Ion: 82 Resp: 162537

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.3	48.5
54	60.1	51.4	77.0

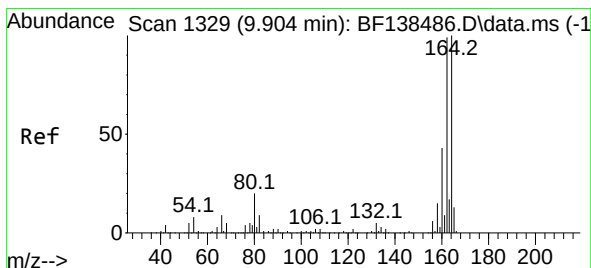
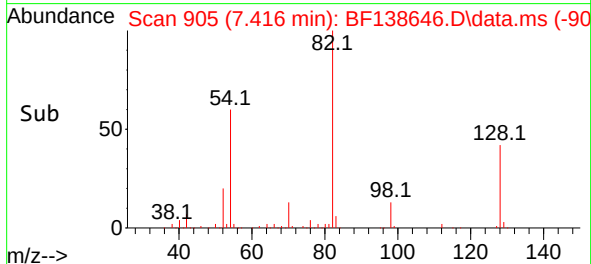
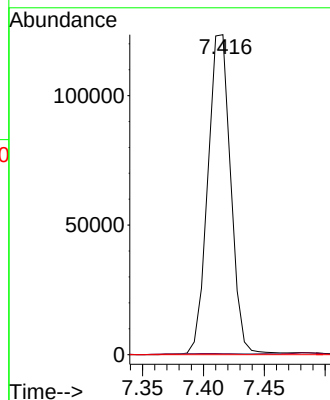
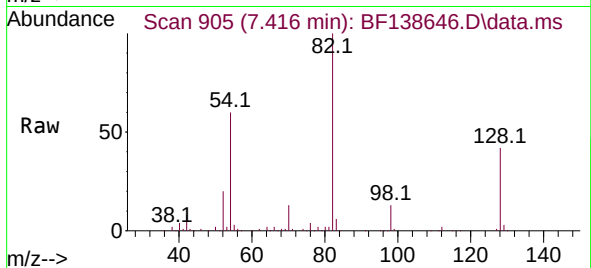




#25
Isophorone
Concen: 16.506 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

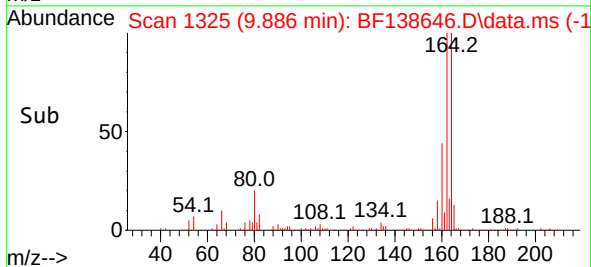
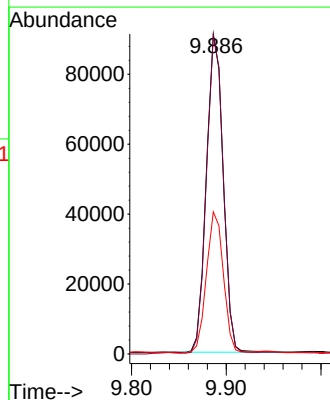
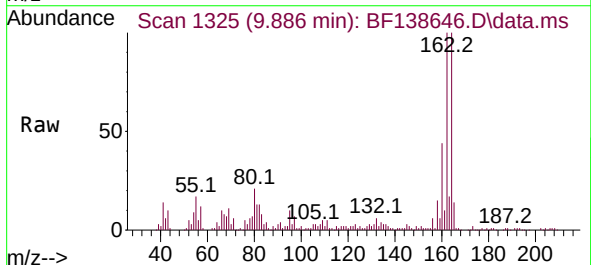
Instrument :
BNA_F
ClientSampleId :
AU-05-072324

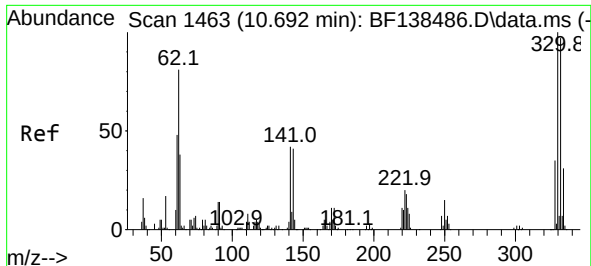
Tgt Ion: 82 Resp: 161226
Ion Ratio Lower Upper
82 100
95 0.3 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

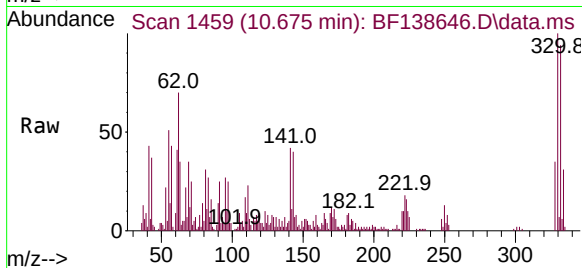
Tgt Ion:164 Resp: 111660
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 44.4 34.4 51.6



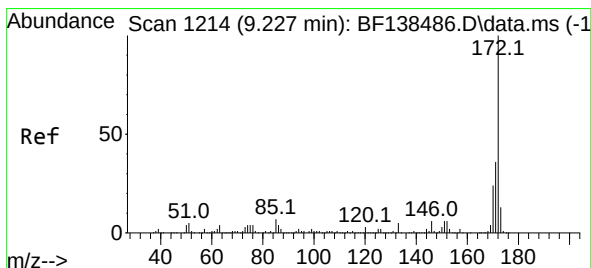
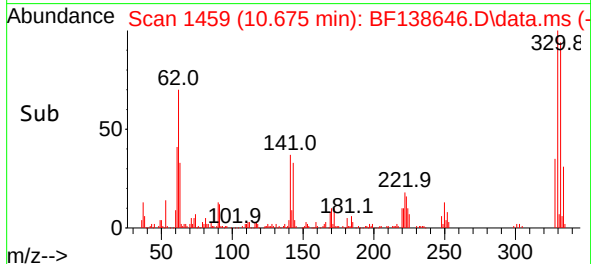
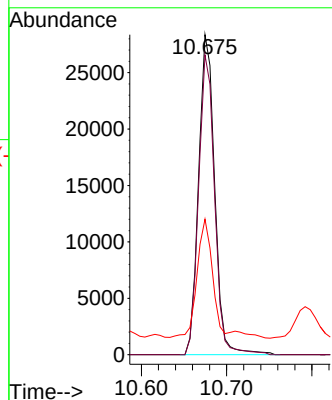


#42
2,4,6-Tribromophenol
Concen: 35.670 ng
RT: 10.675 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Instrument :
BNA_F
ClientSampleId :
AU-05-072324

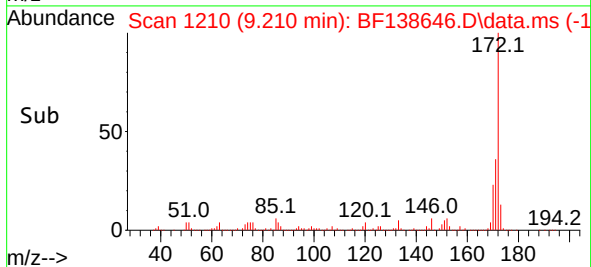
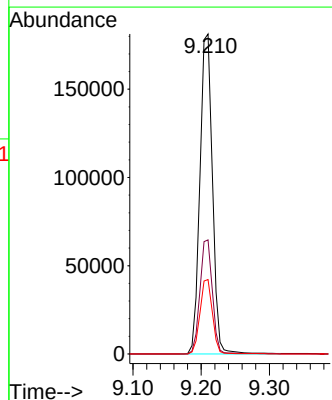
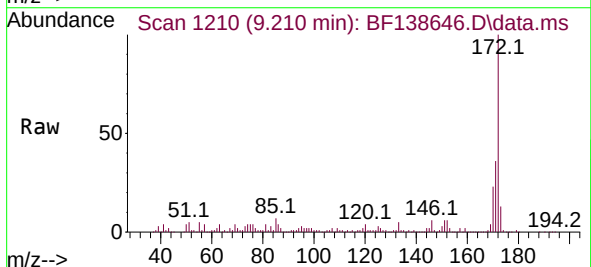


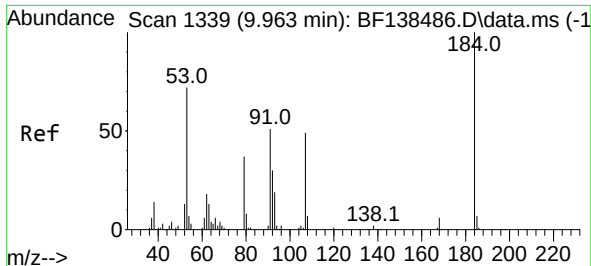
Tgt Ion:330 Resp: 37224
Ion Ratio Lower Upper
330 100
332 93.3 76.8 115.2
141 35.3 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 32.599 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Tgt Ion:172 Resp: 232901
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.3 18.9 28.3

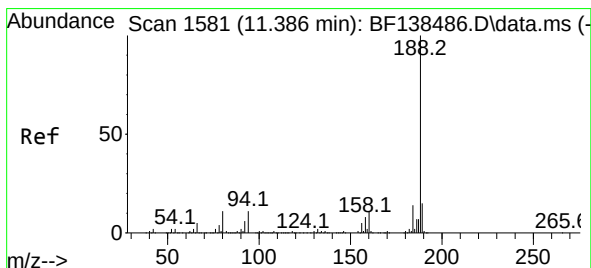
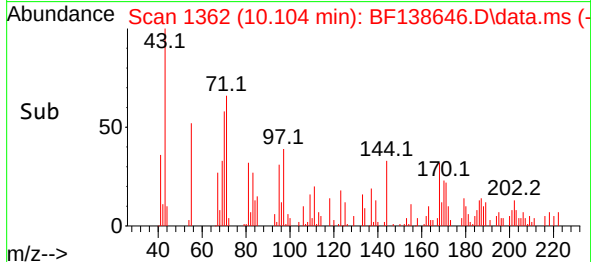
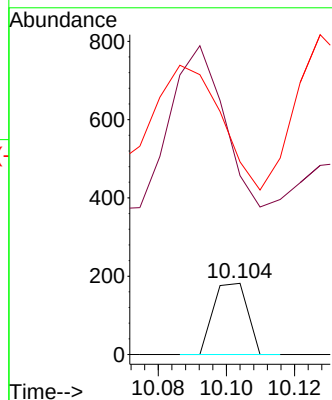
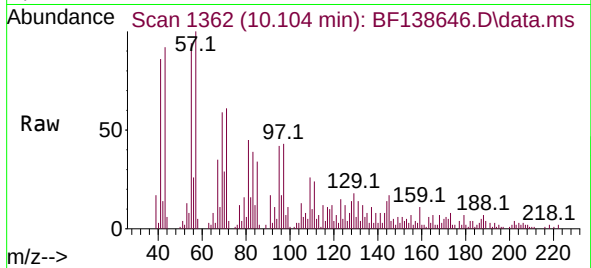




#54
2,4-Dinitrophenol
Concen: 4.801 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

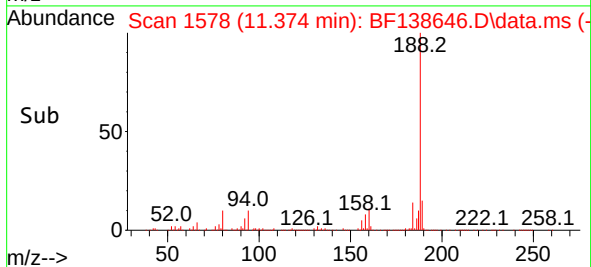
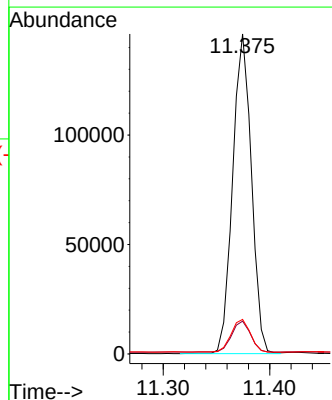
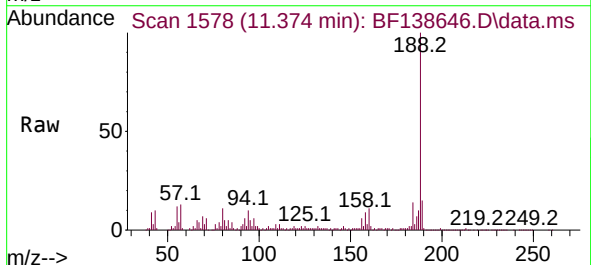
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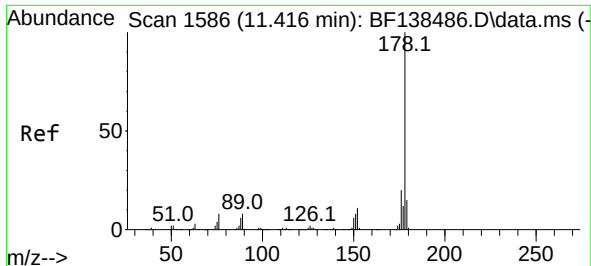
Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 251.1 70.6 106.0#
154 270.3 53.8 80.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Tgt Ion:188 Resp: 178552
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 10.8 9.0 13.4

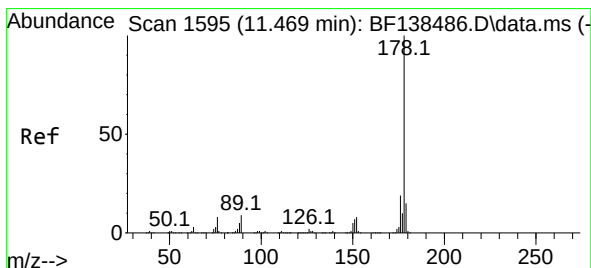
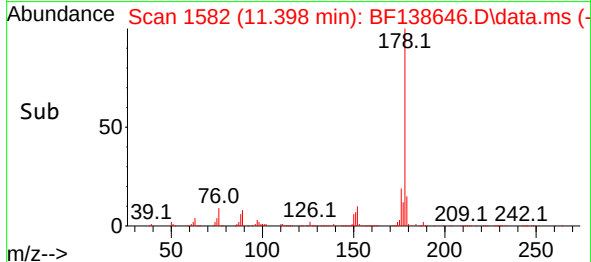
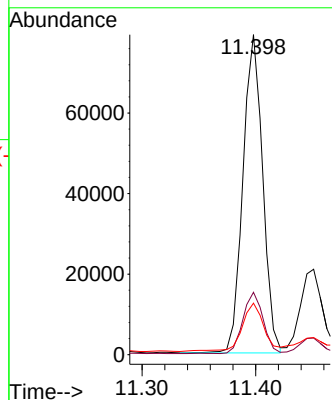
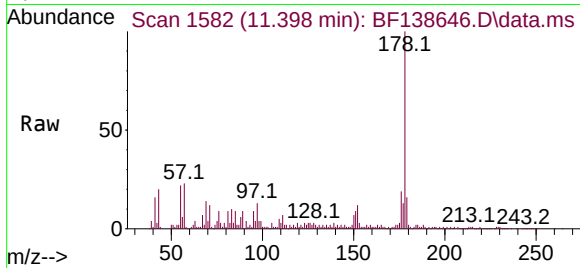




#71
Phenanthrene
Concen: 10.594 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

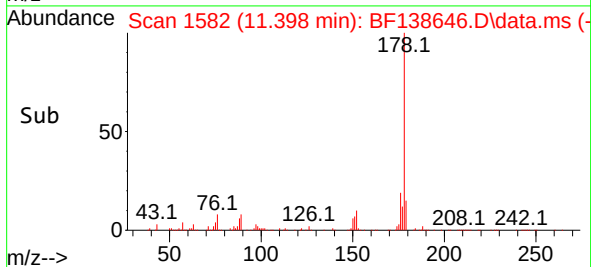
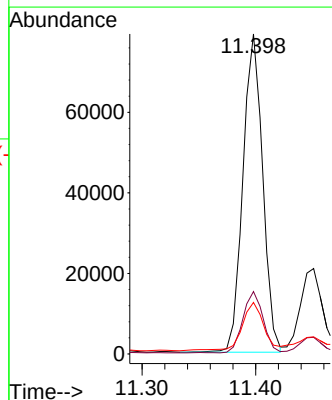
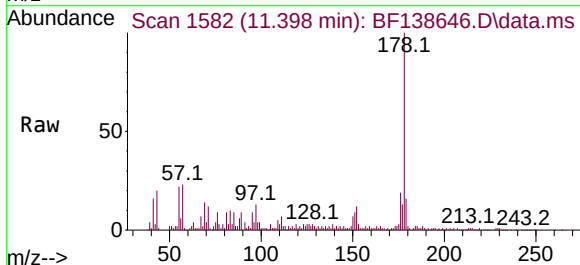
Instrument :
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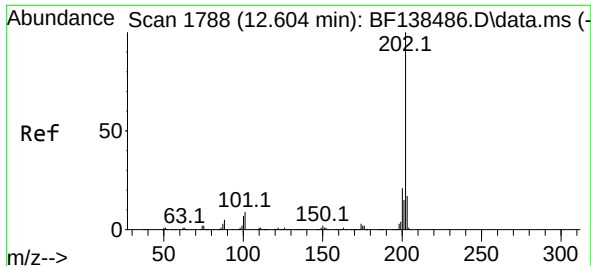
Tgt Ion:178 Resp: 95562
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.1 12.2 18.2



#72
Anthracene
Concen: 10.672 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.070 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Tgt Ion:178 Resp: 95562
Ion Ratio Lower Upper
178 100
176 19.5 14.8 22.2
179 16.1 12.2 18.4

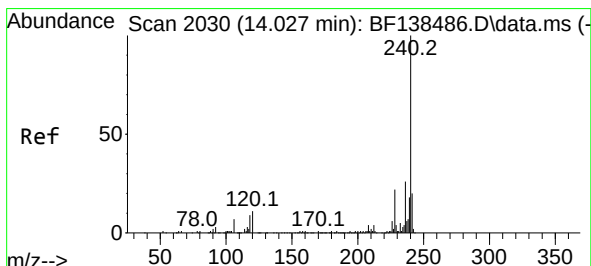
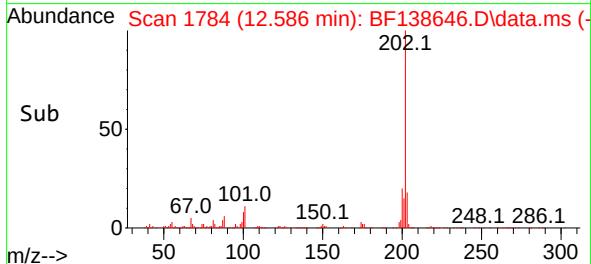
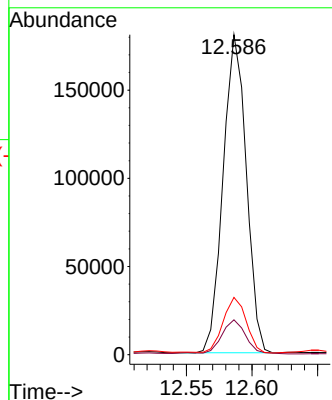
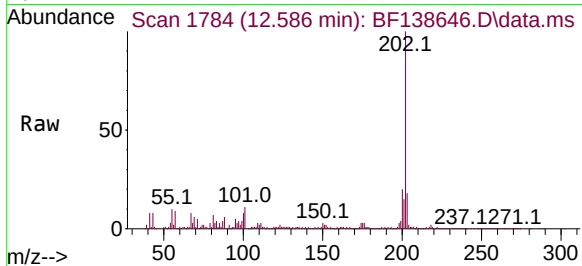




#75
Fluoranthene
Concen: 24.077 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

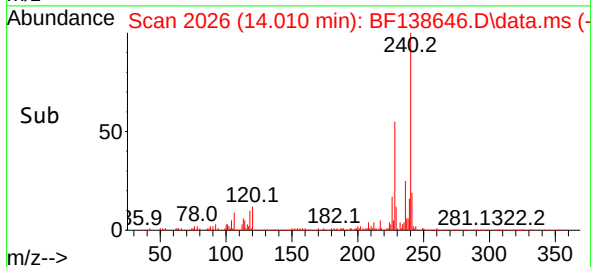
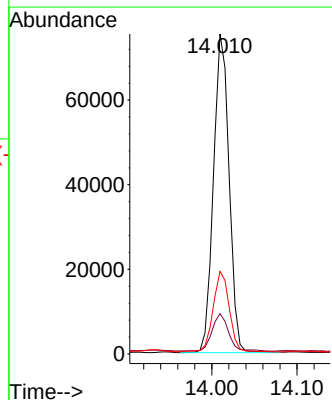
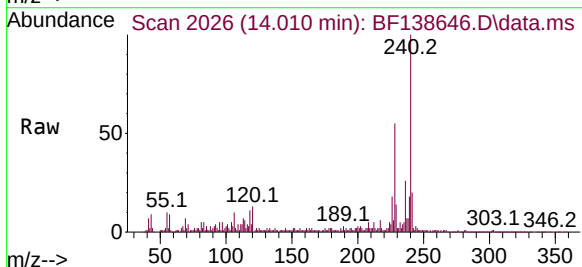
Instrument :
BNA_F
ClientSampleId :
AU-05-072324

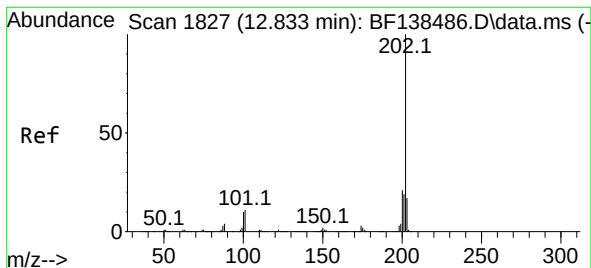
Tgt Ion:202 Resp: 221620
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.2
203 17.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138646.D
Acq: 24 Jul 2024 18:17

Tgt Ion:240 Resp: 95831
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 25.8 21.0 31.6





#78

Pyrene

Concen: 21.618 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

AU-05-072324

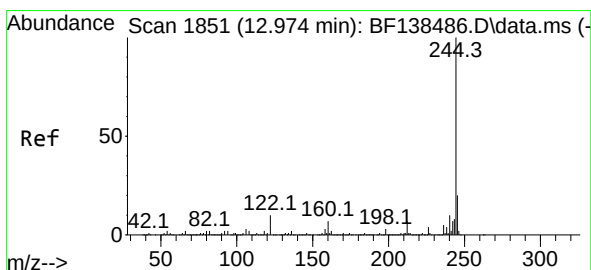
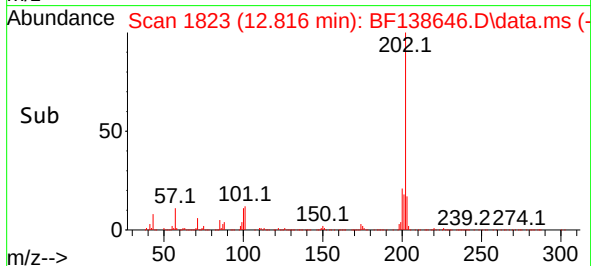
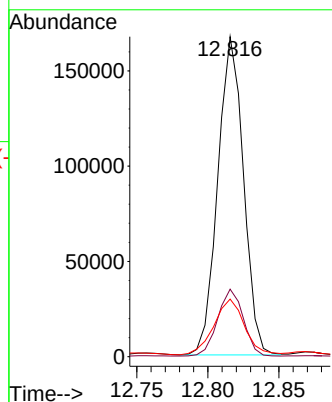
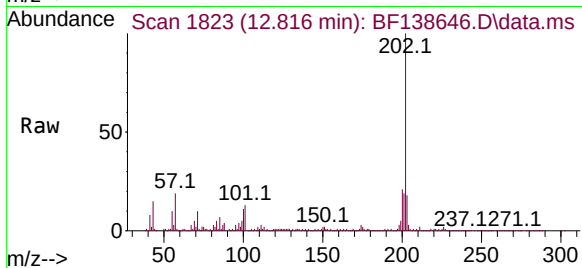
Tgt Ion:202 Resp: 210306

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 18.0 13.7 20.5



#79

Terphenyl-d14

Concen: 33.553 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.018 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

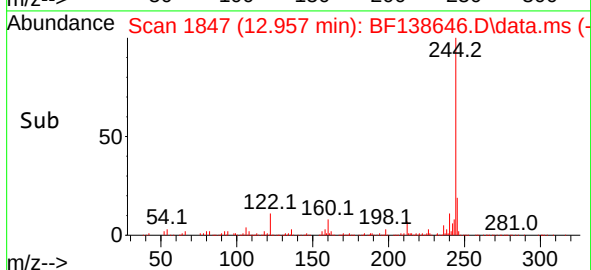
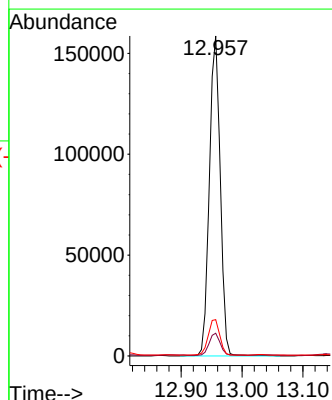
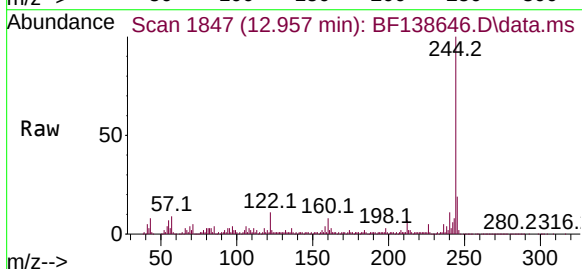
Tgt Ion:244 Resp: 197370

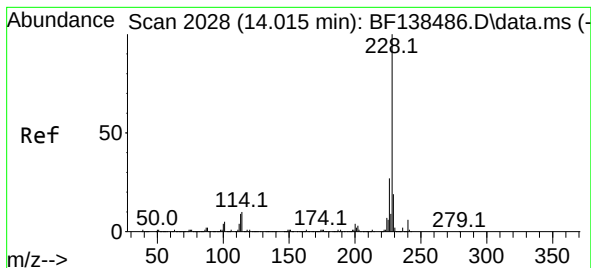
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.4 7.8 11.8





#81

Benzo(a)anthracene

Concen: 11.695 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

AU-05-072324

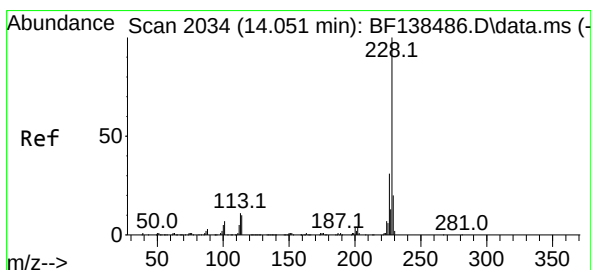
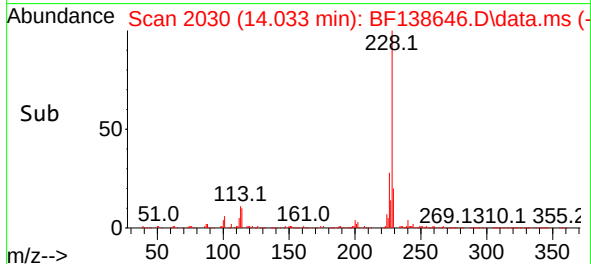
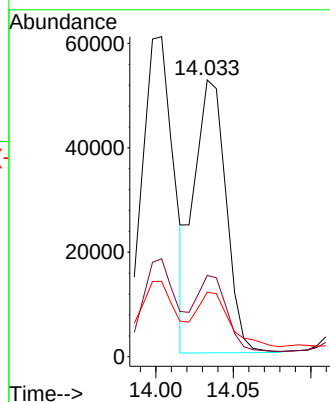
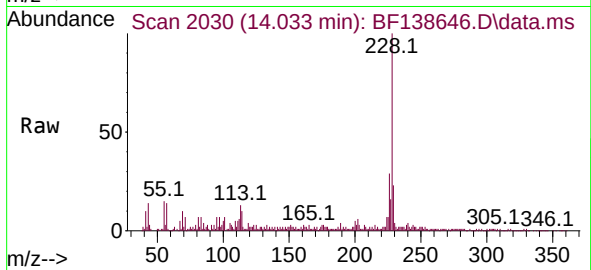
Tgt Ion:228 Resp: 75205

Ion Ratio Lower Upper

228 100

226 29.4 21.9 32.9

229 23.3 15.5 23.3



#83

Chrysene

Concen: 12.363 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

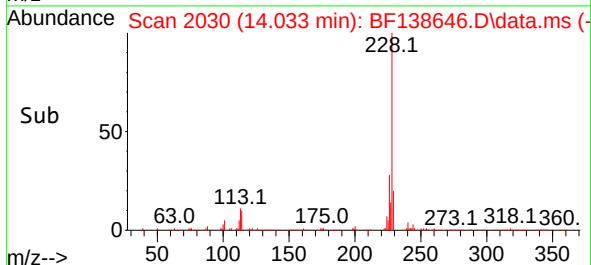
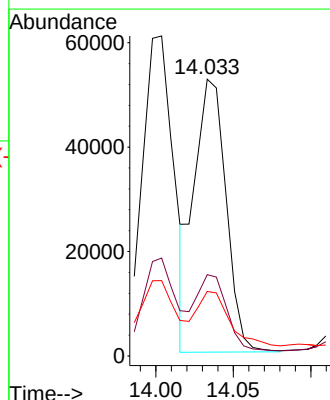
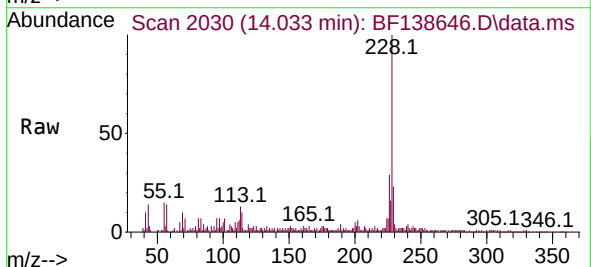
Tgt Ion:228 Resp: 75205

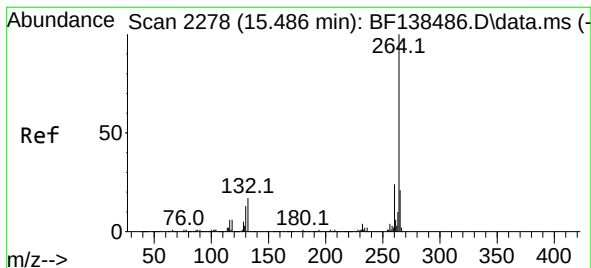
Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 23.3 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

AU-05-072324

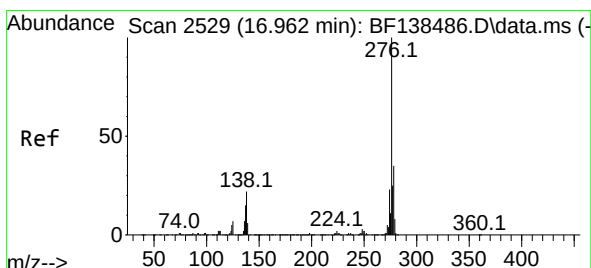
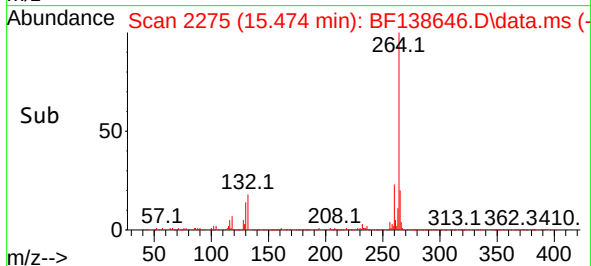
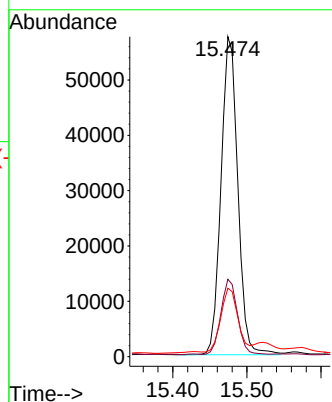
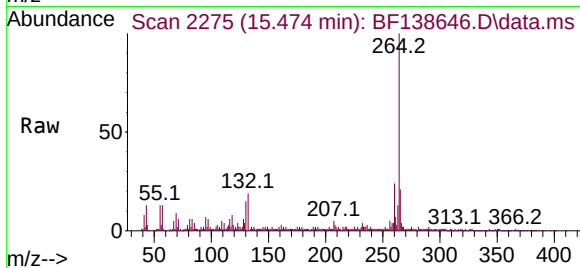
Tgt Ion:264 Resp: 90450

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.4 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.102 ng

RT: 16.939 min Scan# 2524

Delta R.T. -0.023 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

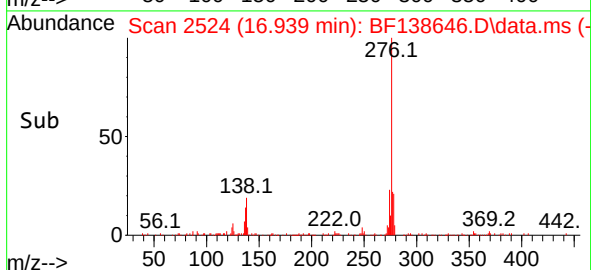
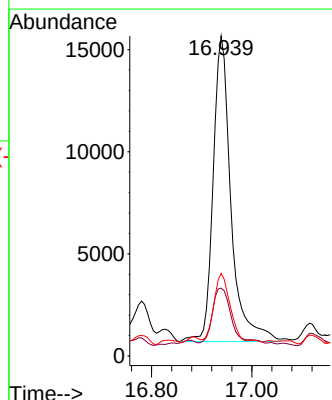
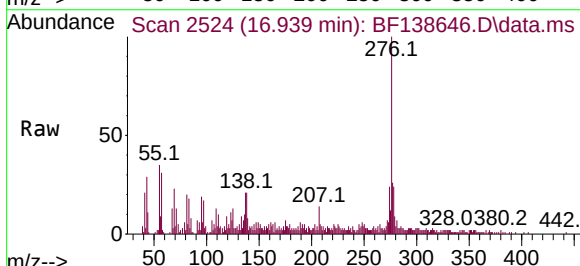
Tgt Ion:276 Resp: 37070

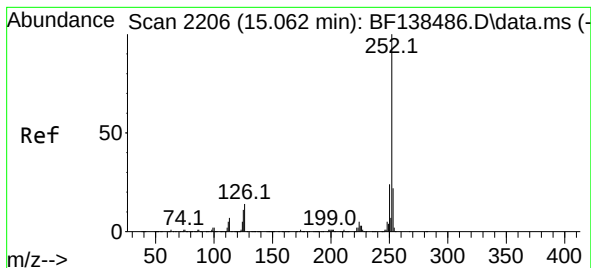
Ion Ratio Lower Upper

276 100

138 20.4 19.6 29.4

277 19.6 20.5 30.7#





#88

Benzo(b)fluoranthene

Concen: 21.815 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

AU-05-072324

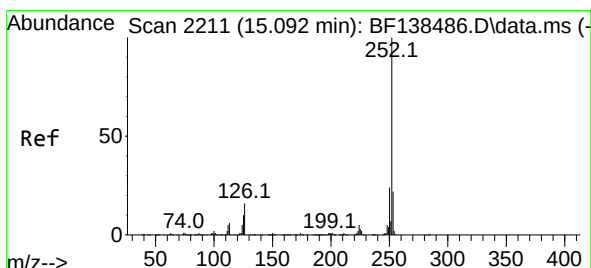
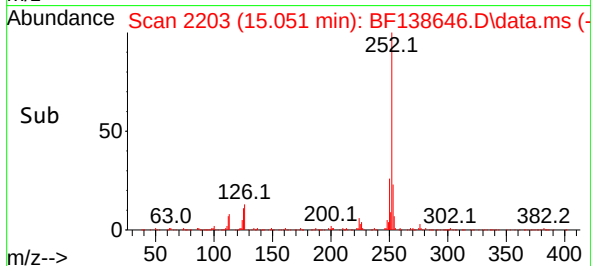
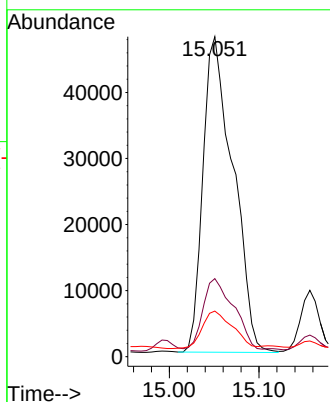
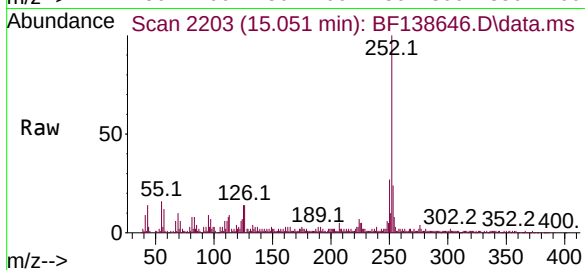
Tgt Ion:252 Resp: 111125

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

125 14.3 8.6 13.0#



#89

Benzo(k)fluoranthene

Concen: 22.368 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.041 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

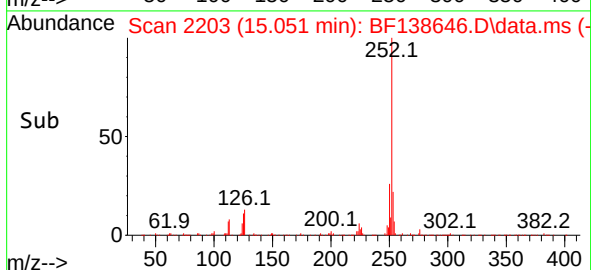
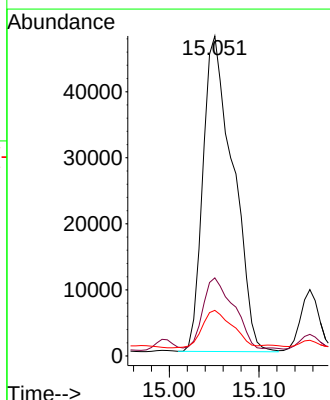
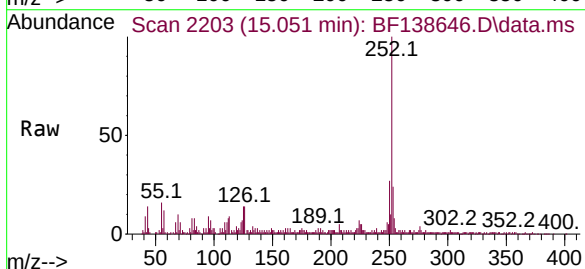
Tgt Ion:252 Resp: 111125

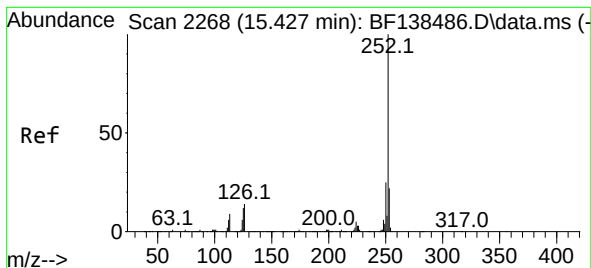
Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 14.3 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 13.957 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

AU-05-072324

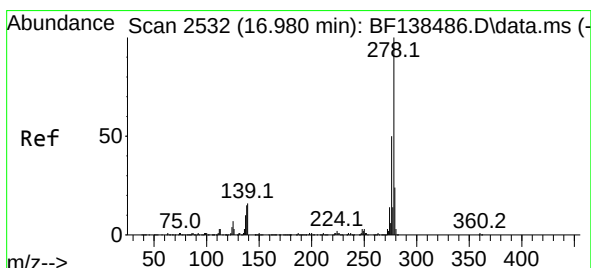
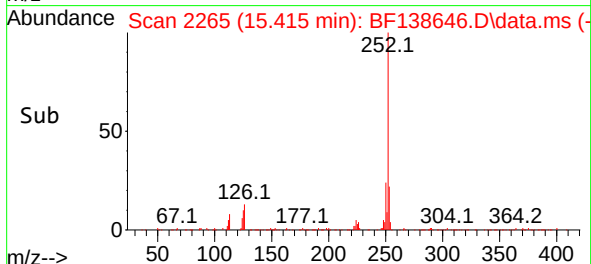
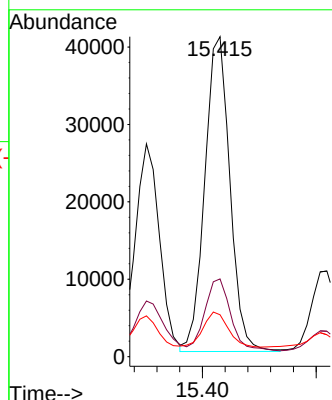
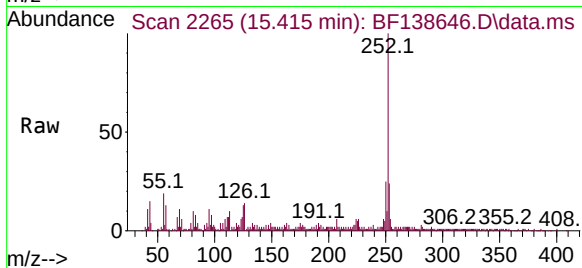
Tgt Ion:252 Resp: 62456

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 13.1 9.4 14.2



#91

Dibenzo(a,h)anthracene

Concen: 2.047 ng

RT: 16.951 min Scan# 2526

Delta R.T. -0.029 min

Lab File: BF138646.D

Acq: 24 Jul 2024 18:17

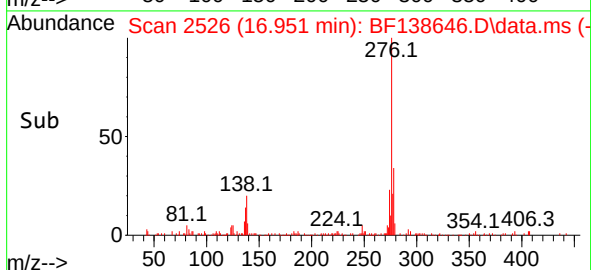
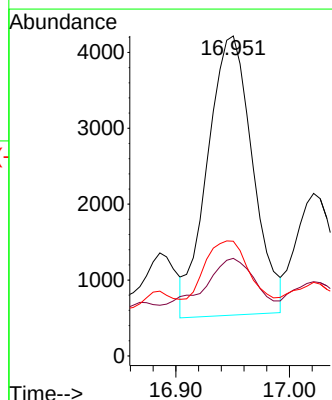
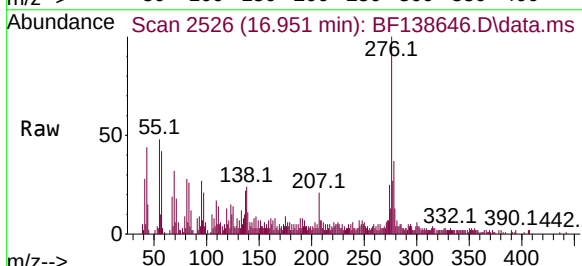
Tgt Ion:278 Resp: 10173

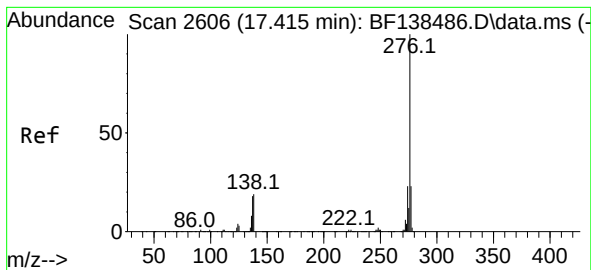
Ion Ratio Lower Upper

278 100

139 30.5 12.8 19.2#

279 35.9 19.1 28.7#





#92

Benzo(g,h,i)perylene

Concen: 6.284 ng

RT: 17.386 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF138646.D

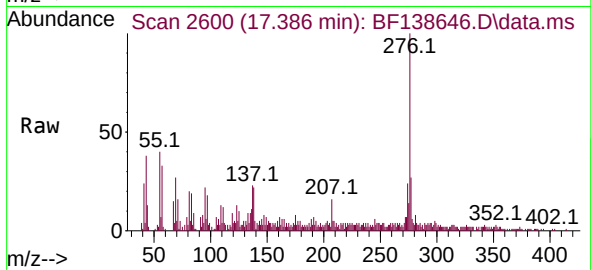
Acq: 24 Jul 2024 18:17

Instrument :

BNA_F

ClientSampleId :

AU-05-072324



Tgt Ion: 276 Resp: 33118

Ion Ratio Lower Upper

276 100

277 27.3 18.0 27.0#

138 22.3 15.5 23.3

