

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038340.D
 Acq On : 29 Dec 2022 13:12
 Operator : CG/JU
 Sample : SST0.116
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1029

Quant Time: Dec 30 01:29:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:28:15 2022
 Response via : Initial Calibration

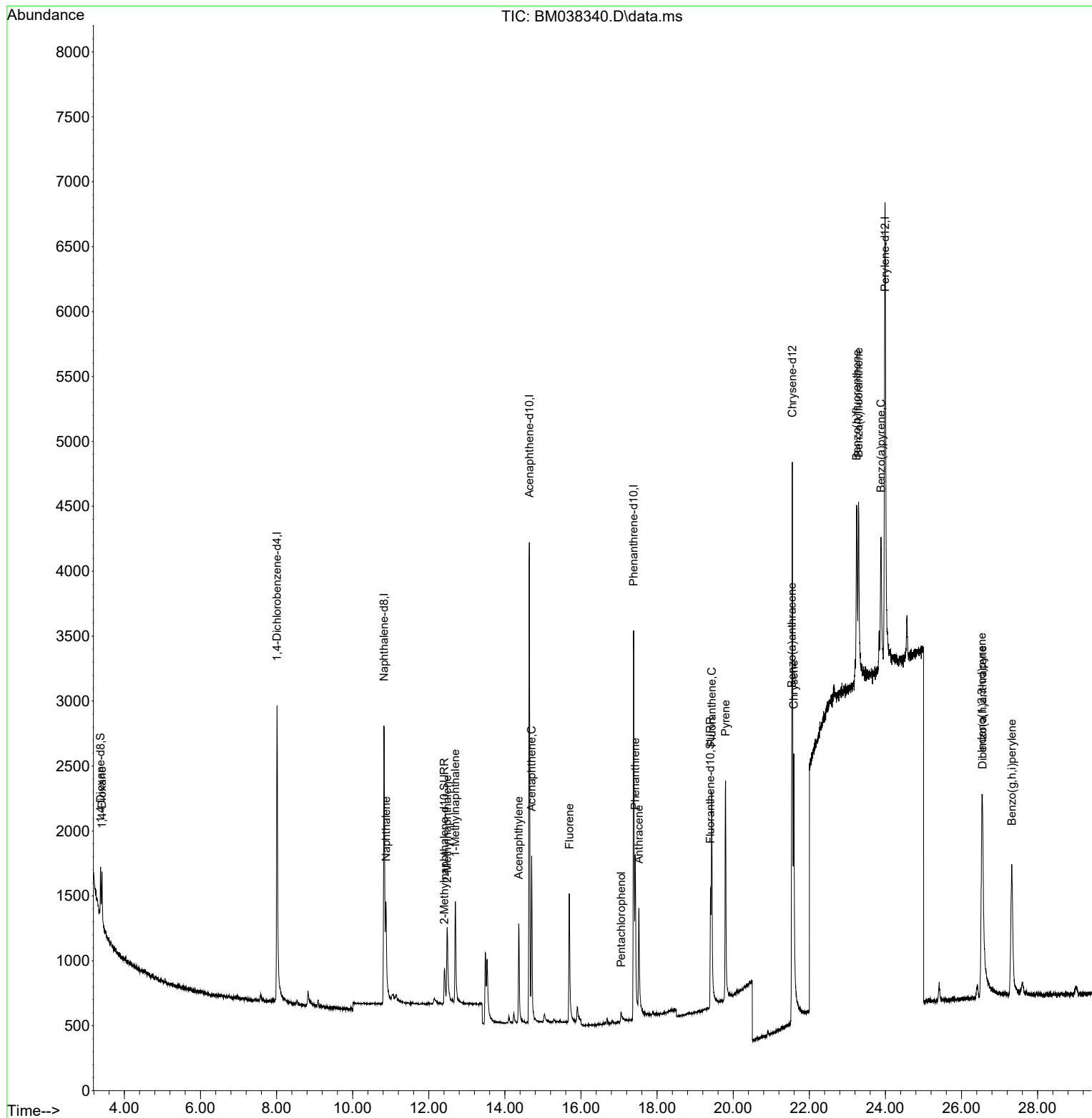
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	1501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	4057	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	2232	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	4490	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	4897	0.400	ng/ul	0.00
23) Perylene-d12	23.991	264	5712	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	324	0.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	606	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	1420	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	327	0.218	ng/ul#	67
5) Naphthalene	10.878	128	1072	0.090	ng/ul#	83
7) 2-Methylnaphthalene	12.484	142	646	0.087	ng/ul	93
8) 1-Methylnaphthalene	12.698	142	656	0.087	ng/ul	98
10) Acenaphthylene	14.365	152	1066	0.087	ng/ul#	88
11) Acenaphthene	14.703	153	797	0.091	ng/ul	97
12) Fluorene	15.693	166	891	0.093	ng/ul#	95
14) Pentachlorophenol	17.054	266	99	0.044	ng/ul#	83
15) Phenanthrene	17.426	178	1433	0.095	ng/ul#	87
16) Anthracene	17.523	178	1227	0.085	ng/ul#	88
19) Fluoranthene	19.436	202	1765	0.066	ng/ul#	89
20) Pyrene	19.798	202	1902	0.070	ng/ul#	90
21) Benzo(a)anthracene	21.539	228	1677	0.078	ng/ul	94
22) Chrysene	21.591	228	1786	0.085	ng/ul	95
24) Benzo(b)fluoranthene	23.243	252	2170	0.086	ng/ul#	60
25) Benzo(k)fluoranthene	23.295	252	2124	0.087	ng/ul#	58
26) Benzo(a)pyrene	23.883	252	1996	0.090	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.535	276	3051	0.100	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.555	278	2305	0.097	ng/ul#	53
29) Benzo(g,h,i)perylene	27.323	276	2734	0.106	ng/ul#	85

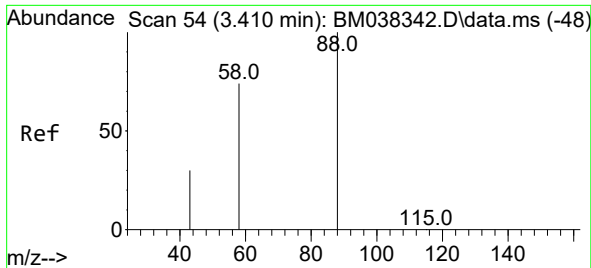
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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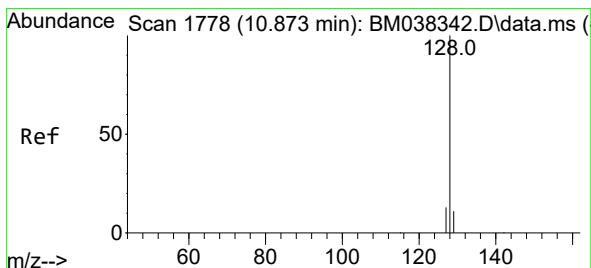
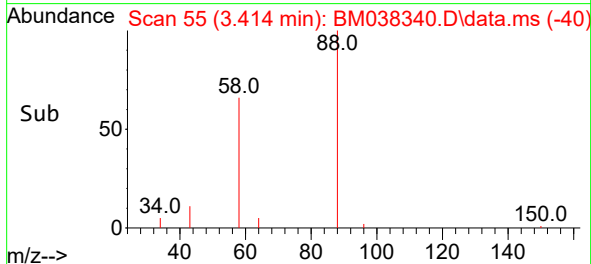
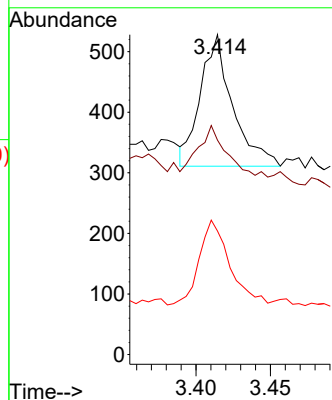
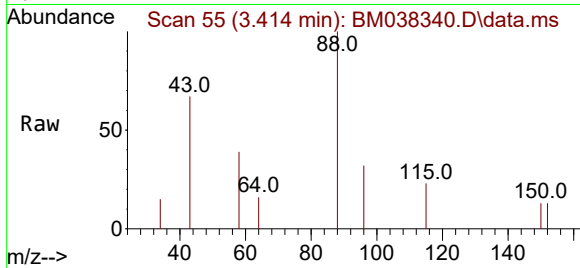




#2
1,4-Dioxane
Concen: 0.218 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

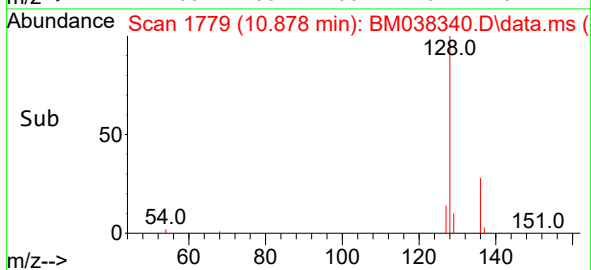
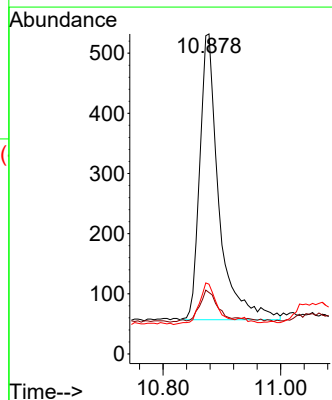
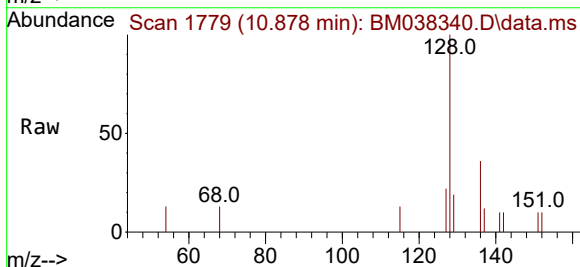
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

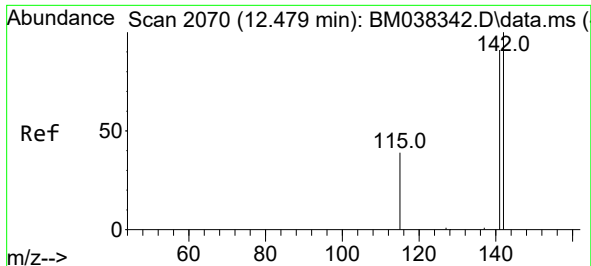
Tgt Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
43 67.0 32.6 49.0#
58 38.6 46.6 69.8#



#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.878 min Scan# 1779
Delta R.T. 0.005 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion: 128 Resp: 1072
Ion Ratio Lower Upper
128 100
129 19.2 10.2 15.2#
127 21.8 11.4 17.2#

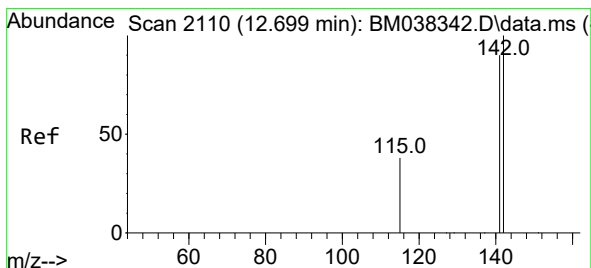
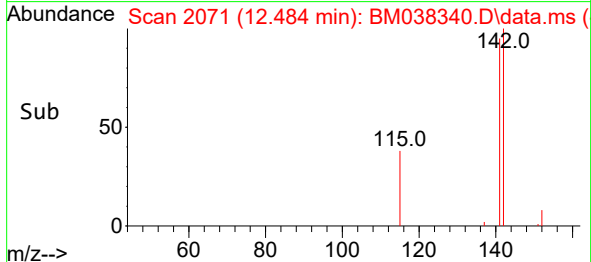
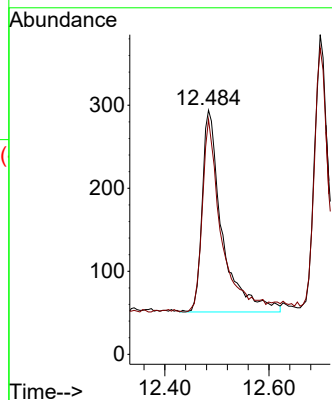
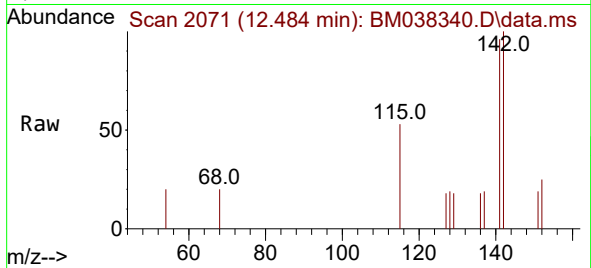




#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.484 min Scan# 2070
Delta R.T. 0.005 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

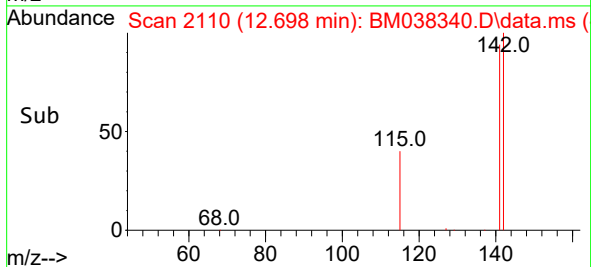
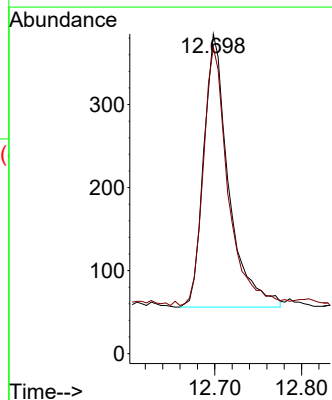
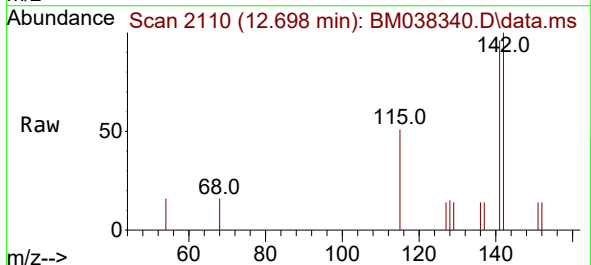
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

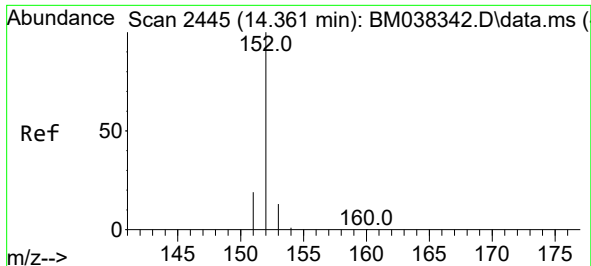
Tgt Ion:142 Resp: 646
Ion Ratio Lower Upper
142 100
141 95.8 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:142 Resp: 656
Ion Ratio Lower Upper
142 100
141 93.6 73.2 109.8

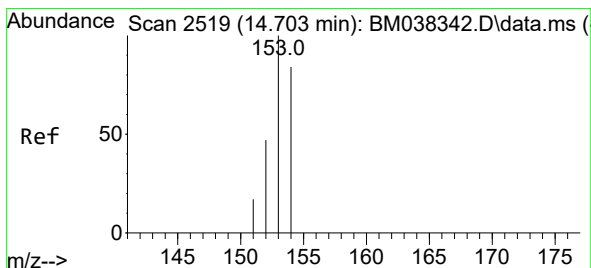
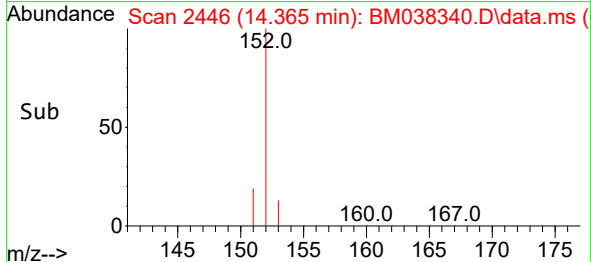
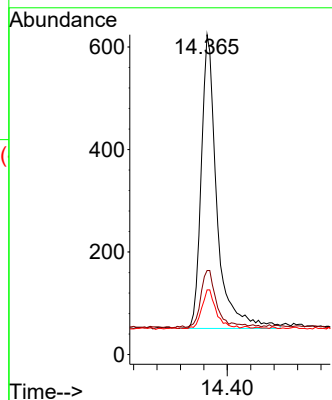
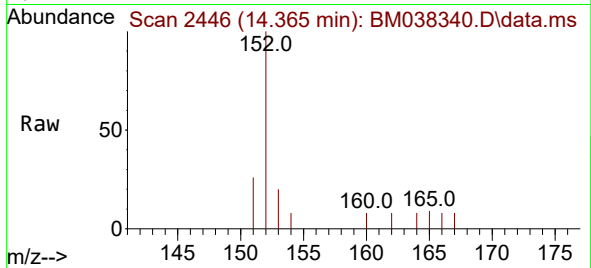




#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.365 min Scan# 2445
Delta R.T. 0.004 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

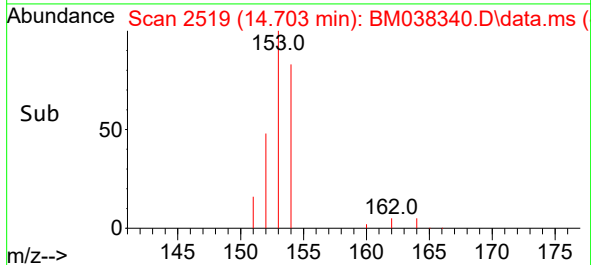
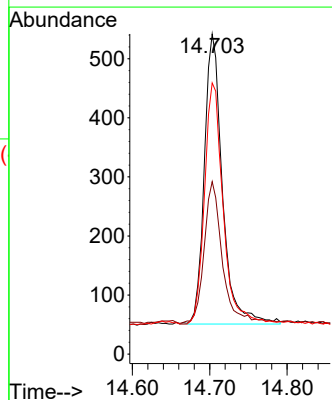
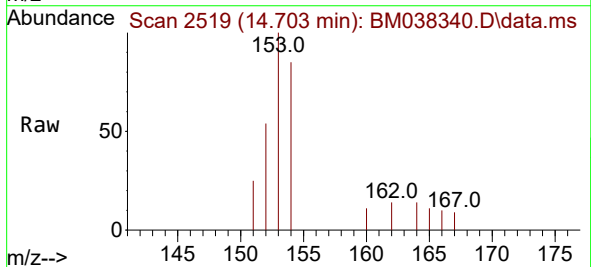
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

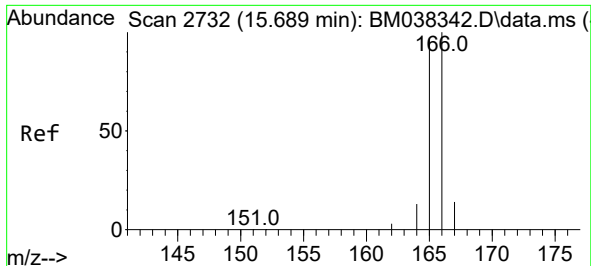
Tgt Ion:152 Resp: 1066
Ion Ratio Lower Upper
152 100
151 26.3 17.0 25.4#
153 20.2 12.0 18.0#



#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:153 Resp: 797
Ion Ratio Lower Upper
153 100
152 53.9 38.8 58.2
154 84.7 67.3 100.9

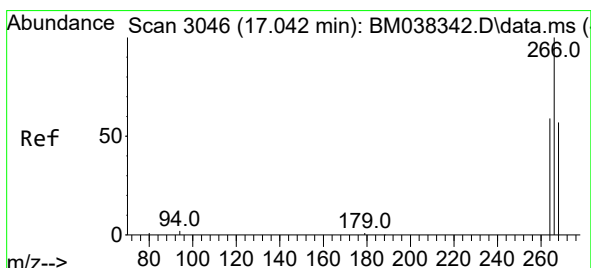
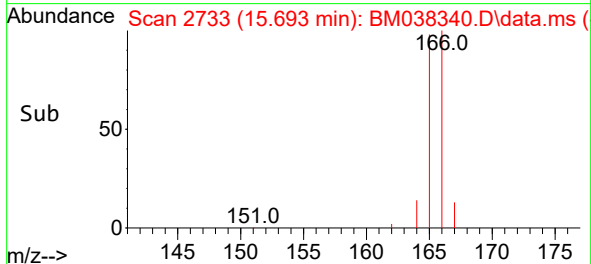
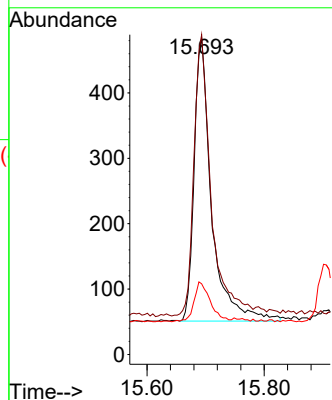
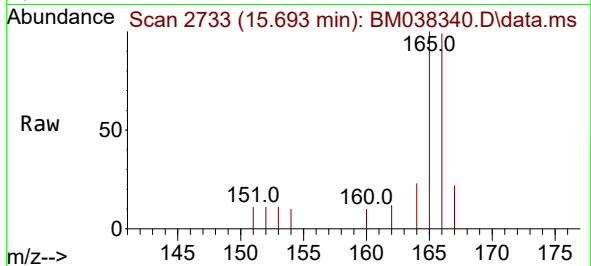




#12
Fluorene
Concen: 0.093 ng/ul
RT: 15.693 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

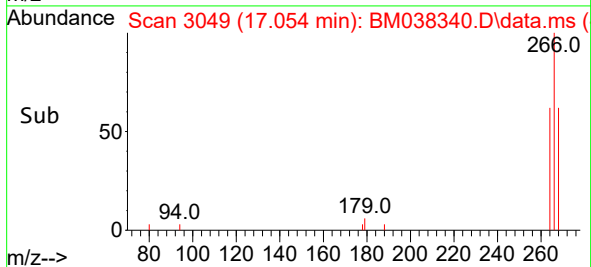
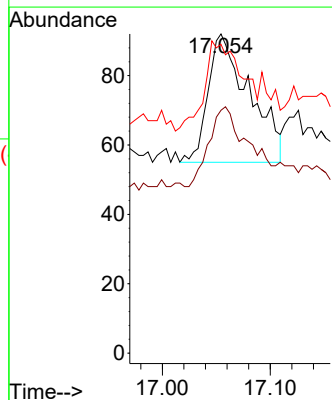
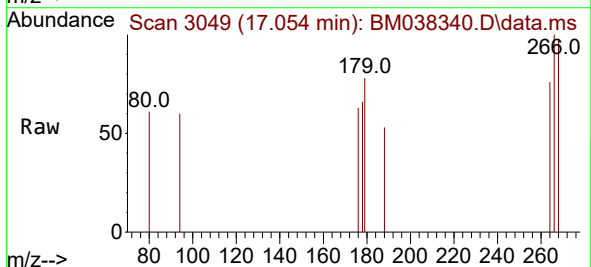
Instrument :
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ClientSampleId :
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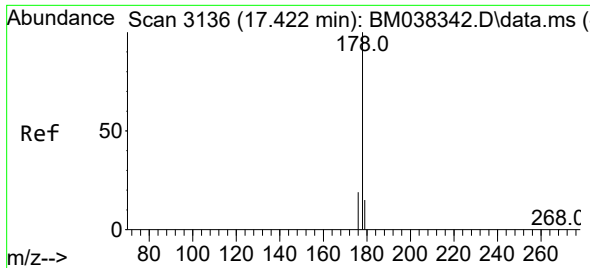
Tgt Ion:166 Resp: 891
Ion Ratio Lower Upper
166 100
165 101.0 78.2 117.2
167 22.3 12.5 18.7#



#14
Pentachlorophenol
Concen: 0.044 ng/ul
RT: 17.054 min Scan# 3049
Delta R.T. 0.012 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:266 Resp: 99
Ion Ratio Lower Upper
266 100
264 67.7 50.0 75.0
268 80.8 48.2 72.2#

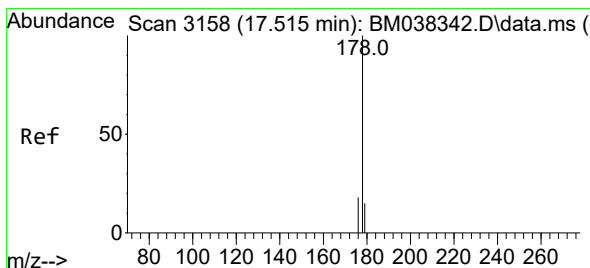
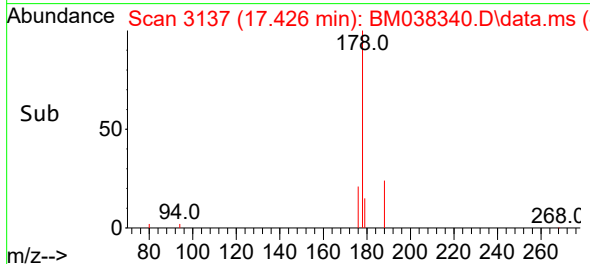
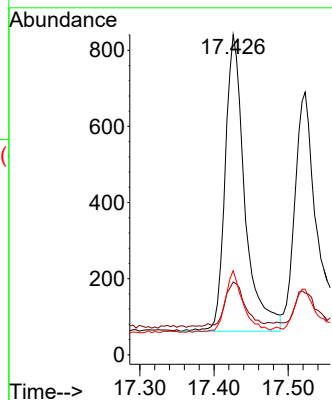
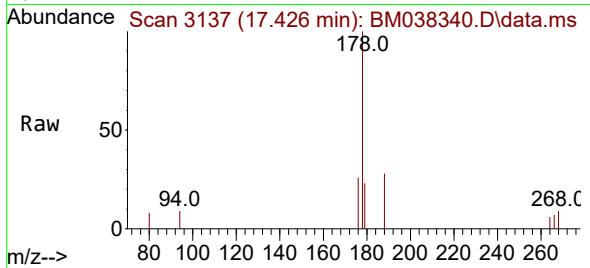




#15
Phenanthrene
Concen: 0.095 ng/ul
RT: 17.426 min Scan# 3136
Delta R.T. 0.004 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

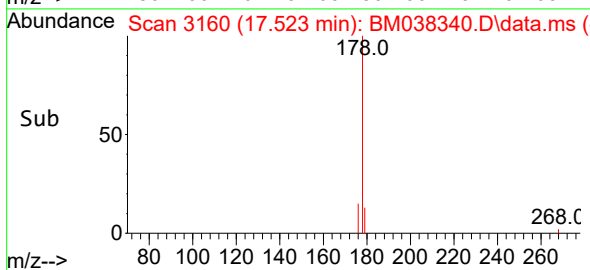
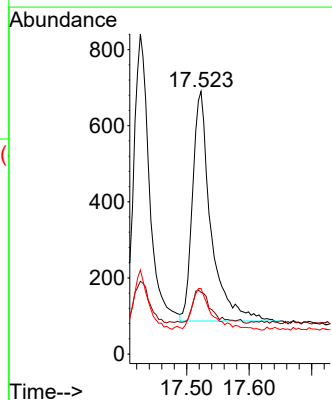
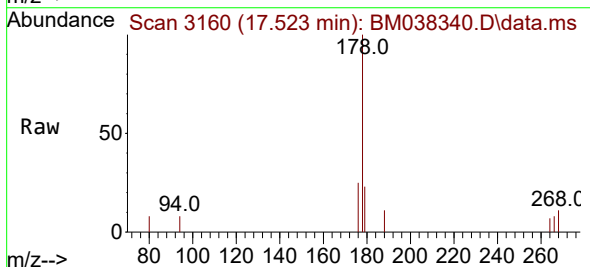
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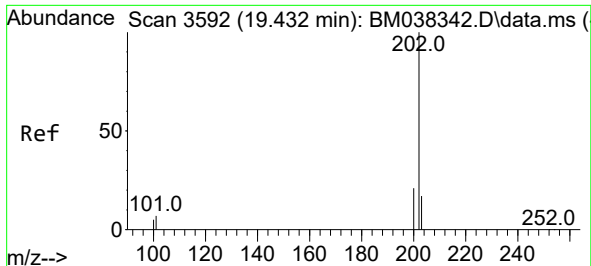
Tgt Ion:178 Resp: 1433
Ion Ratio Lower Upper
178 100
179 22.7 13.5 20.3#
176 26.3 16.6 25.0#



#16
Anthracene
Concen: 0.085 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. 0.008 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:178 Resp: 1227
Ion Ratio Lower Upper
178 100
179 23.5 14.2 21.2#
176 24.9 15.8 23.8#

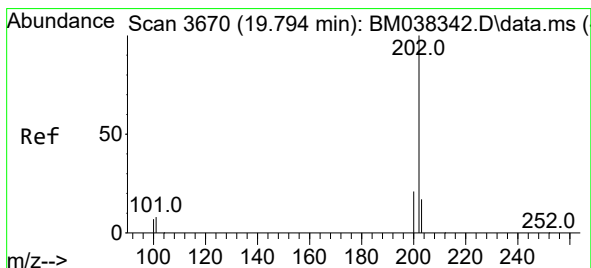
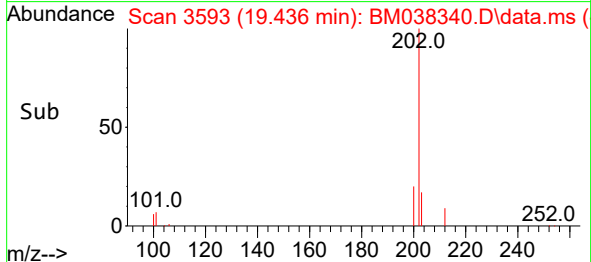
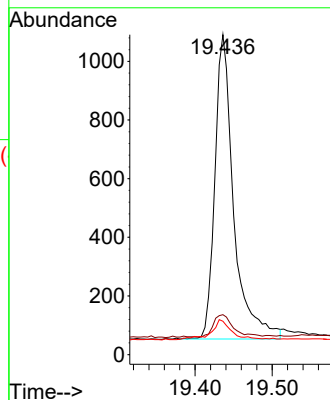
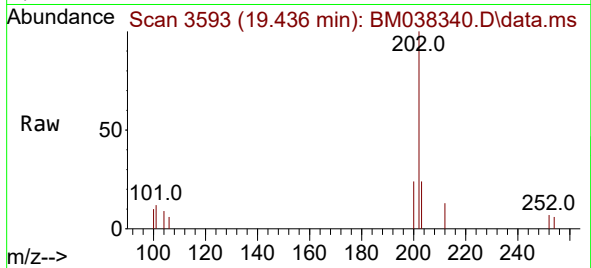




#19
Fluoranthene
Concen: 0.066 ng/ul
RT: 19.436 min Scan# 3593
Delta R.T. 0.004 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

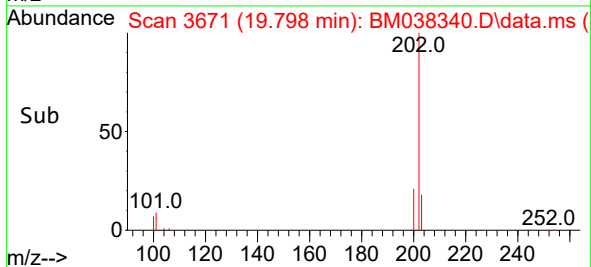
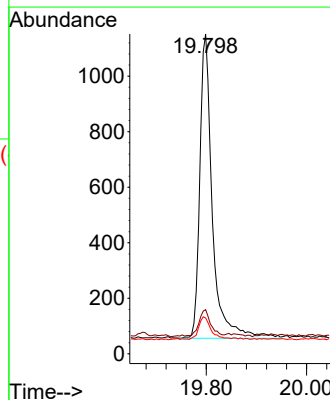
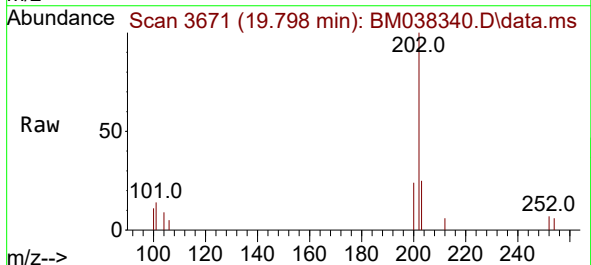
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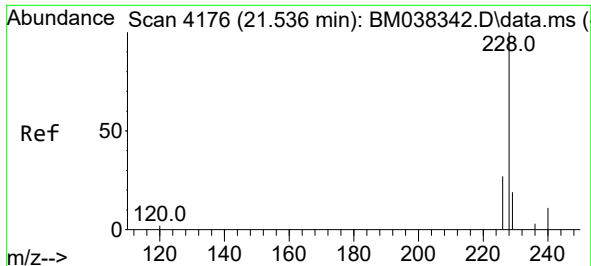
Tgt Ion:202 Resp: 1765
Ion Ratio Lower Upper
202 100
101 12.5 6.6 10.0#
100 10.4 5.4 8.2#



#20
Pyrene
Concen: 0.070 ng/ul
RT: 19.798 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:202 Resp: 1902
Ion Ratio Lower Upper
202 100
101 13.8 7.8 11.6#
100 11.2 6.5 9.7#

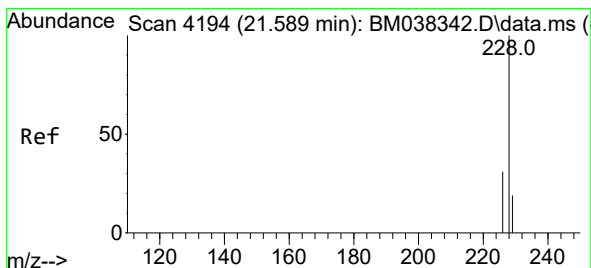
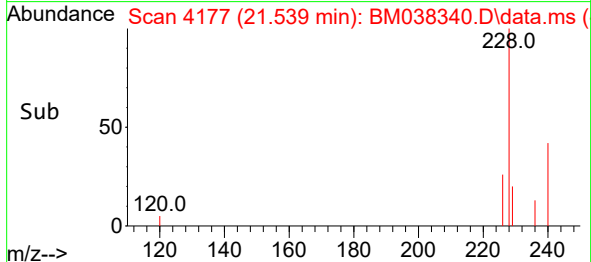
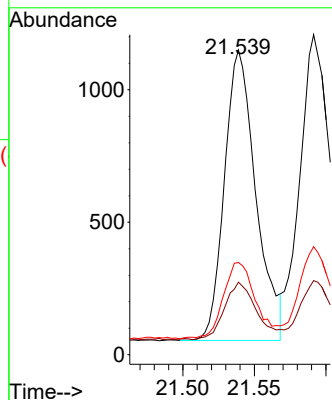
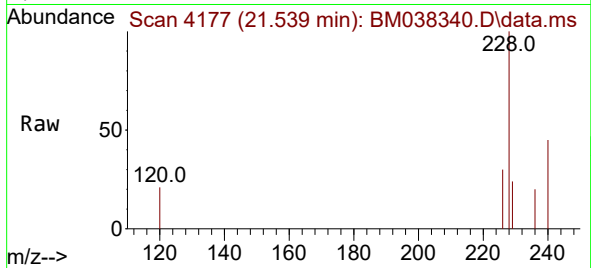




#21
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.539 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

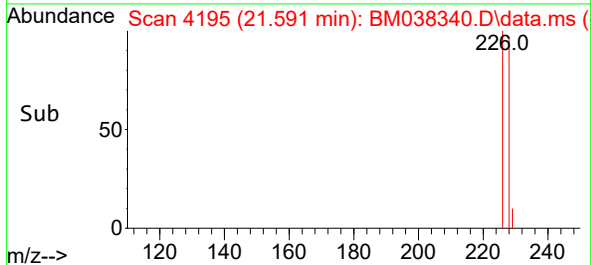
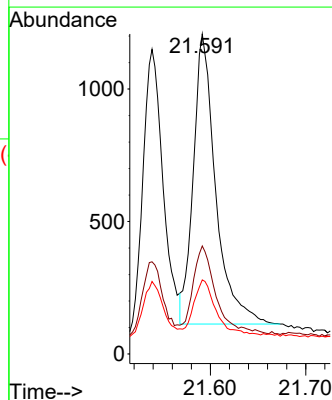
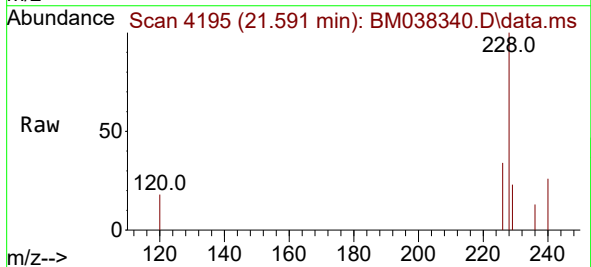
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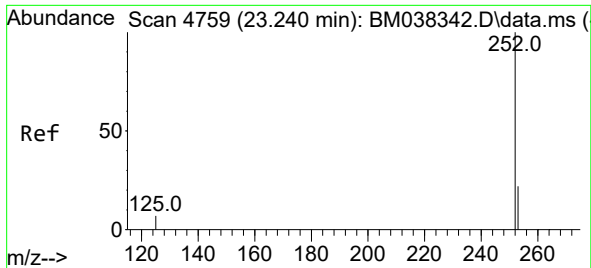
Tgt Ion:228 Resp: 1677
Ion Ratio Lower Upper
228 100
229 23.8 16.4 24.6
226 30.3 22.2 33.2



#22
Chrysene
Concen: 0.085 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:228 Resp: 1786
Ion Ratio Lower Upper
228 100
226 33.8 25.3 37.9
229 23.2 16.4 24.6

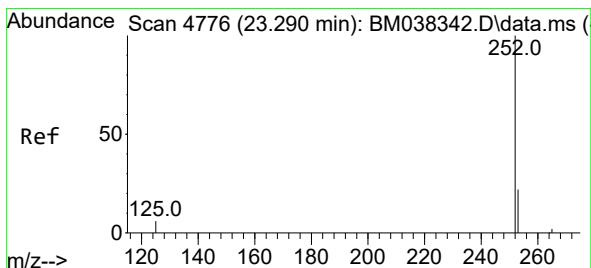
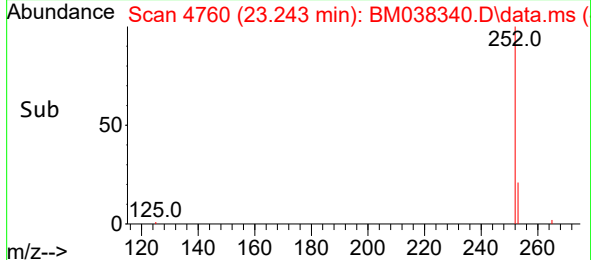
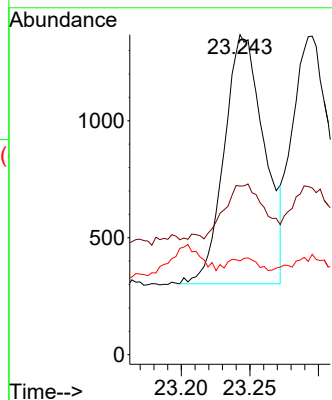
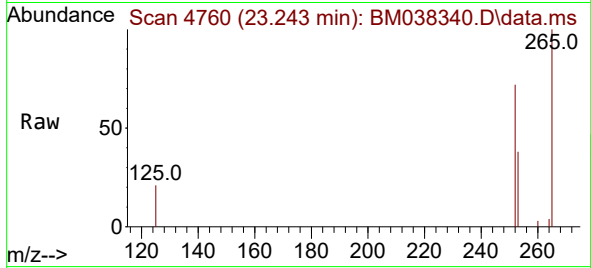




#24
Benzo(b)fluoranthene
Concen: 0.086 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

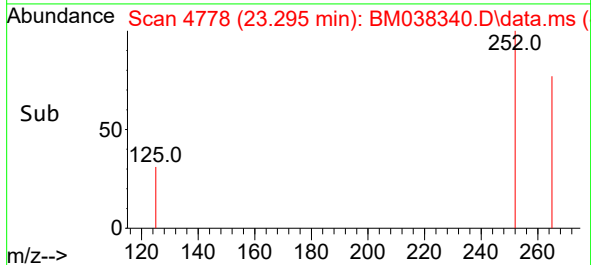
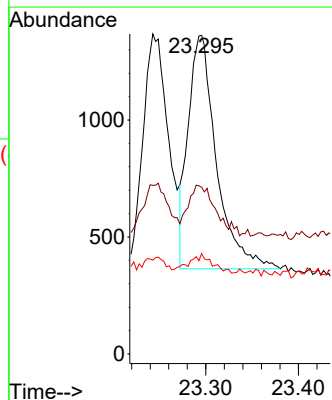
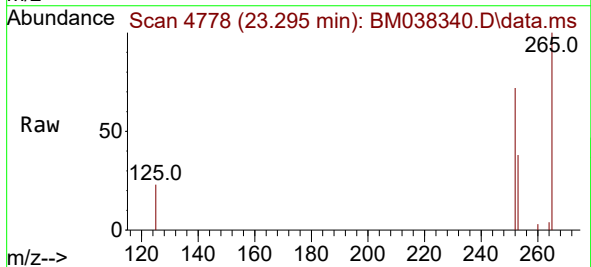
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

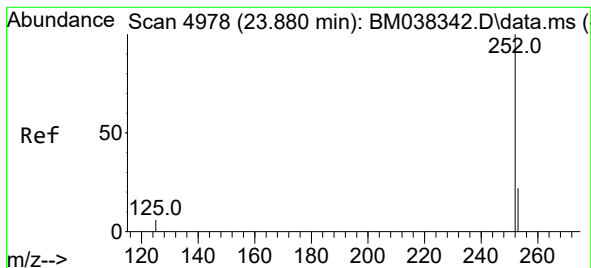
Tgt Ion:252 Resp: 2170
Ion Ratio Lower Upper
252 100
253 52.7 0.0 60.4
125 29.3 0.0 27.6#



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 23.295 min Scan# 4778
Delta R.T. 0.006 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:252 Resp: 2124
Ion Ratio Lower Upper
252 100
253 52.3 24.4 36.6#
125 31.5 10.7 16.1#





#26

Benzo(a)pyrene

Concen: 0.090 ng/ul

RT: 23.883 min Scan# 4978

Delta R.T. 0.003 min

Lab File: BM038340.D

Acq: 29 Dec 2022 13:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029

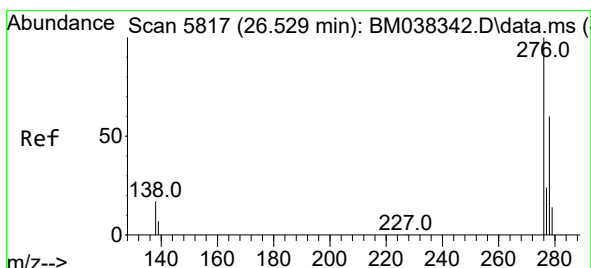
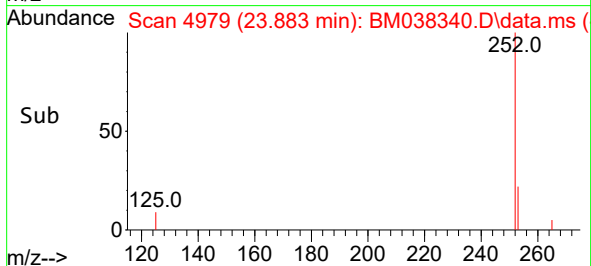
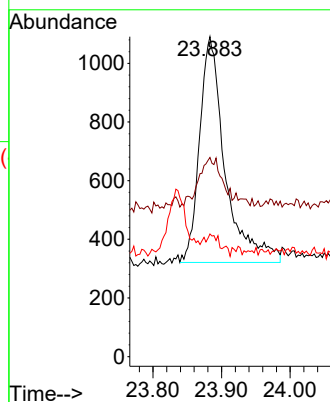
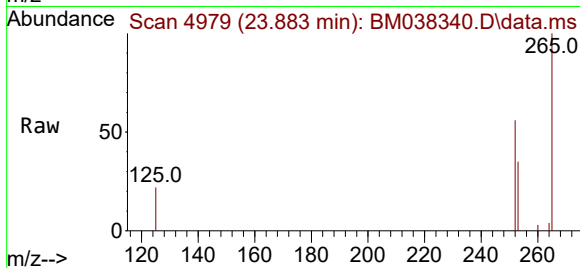
Tgt Ion:252 Resp: 1996

Ion Ratio Lower Upper

252 100

253 62.2 27.4 41.2#

125 38.3 13.8 20.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.100 ng/ul

RT: 26.535 min Scan# 5819

Delta R.T. 0.006 min

Lab File: BM038340.D

Acq: 29 Dec 2022 13:12

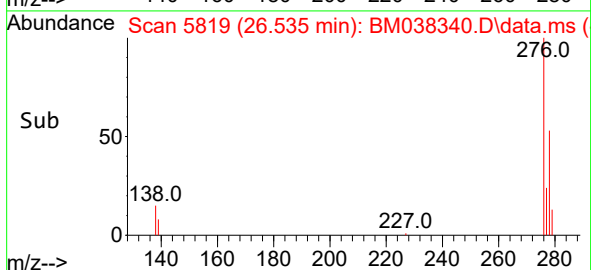
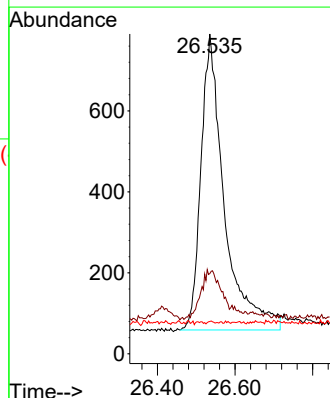
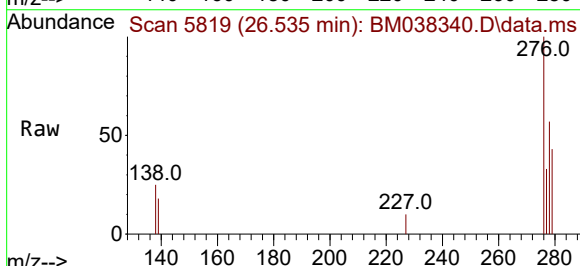
Tgt Ion:276 Resp: 3051

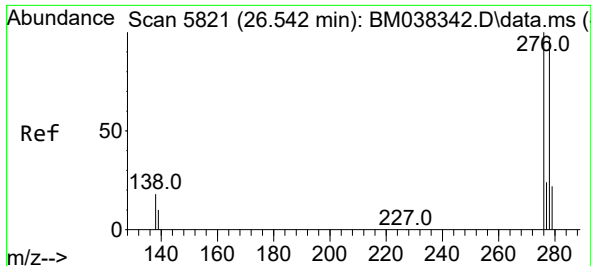
Ion Ratio Lower Upper

276 100

138 16.7 14.1 21.1

227 0.3 0.1 0.1#

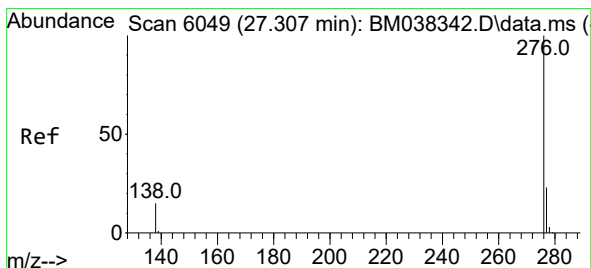
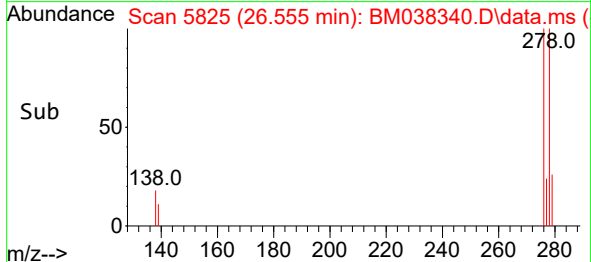
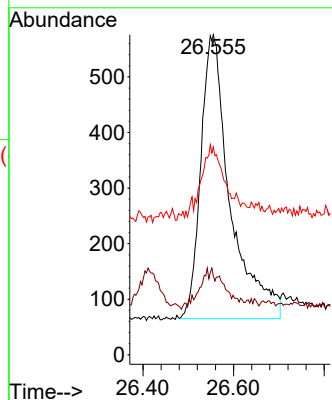
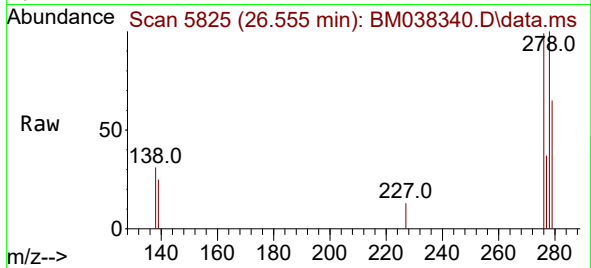




#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.555 min Scan# 5825
Delta R.T. 0.013 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:278 Resp: 2305
Ion Ratio Lower Upper
278 100
139 24.7 11.4 17.0#
279 64.9 26.4 39.6#



#29
Benzo(g,h,i)perylene
Concen: 0.106 ng/ul
RT: 27.323 min Scan# 6054
Delta R.T. 0.017 min
Lab File: BM038340.D
Acq: 29 Dec 2022 13:12

Tgt Ion:276 Resp: 2734
Ion Ratio Lower Upper
276 100
138 26.0 14.4 21.6#
277 32.1 20.7 31.1#

