

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038344.D
 Acq On : 29 Dec 2022 15:38
 Operator : CG/JU
 Sample : SSTD1.620
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6033

Quant Time: Dec 30 01:29:56 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

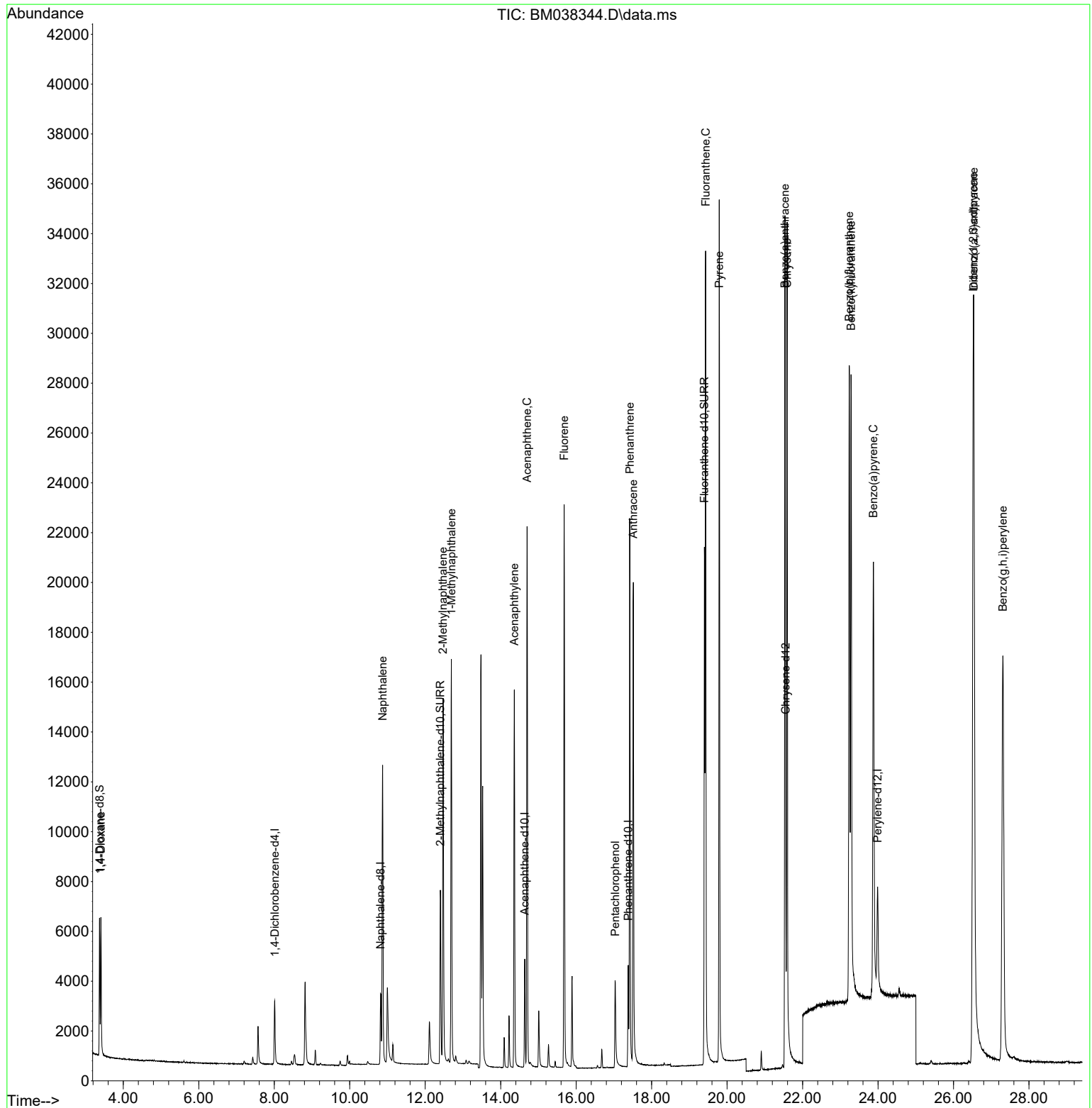
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	1457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	4031	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	2420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	5226	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	5793	0.400	ng/ul	0.00
23) Perylene-d12	23.988	264	6355	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	3251	2.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9777	1.648	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	24862	1.143	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	3363	2.313	ng/ul#	87
5) Naphthalene	10.873	128	17063	1.444	ng/ul	97
7) 2-Methylnaphthalene	12.473	142	10869	1.479	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	11052	1.471	ng/ul	99
10) Acenaphthylene	14.361	152	17495	1.310	ng/ul	96
11) Acenaphthene	14.698	153	12834	1.346	ng/ul	99
12) Fluorene	15.684	166	14925	1.444	ng/ul	97
14) Pentachlorophenol	17.033	266	3059	1.175	ng/ul	97
15) Phenanthrene	17.422	178	23507	1.344	ng/ul	97
16) Anthracene	17.514	178	22595	1.345	ng/ul	97
19) Fluoranthene	19.431	202	29822	0.940	ng/ul	97
20) Pyrene	19.794	202	31451	0.981	ng/ul	97
21) Benzo(a)anthracene	21.533	228	30007	1.181	ng/ul	99
22) Chrysene	21.588	228	31072	1.256	ng/ul	98
24) Benzo(b)fluoranthene	23.237	252	36143	1.285	ng/ul	88
25) Benzo(k)fluoranthene	23.287	252	35638	1.319	ng/ul#	88
26) Benzo(a)pyrene	23.877	252	33402	1.361	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.522	276	47975	1.409	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.538	278	38315	1.449	ng/ul#	90
29) Benzo(g,h,i)perylene	27.306	276	41659	1.454	ng/ul	96

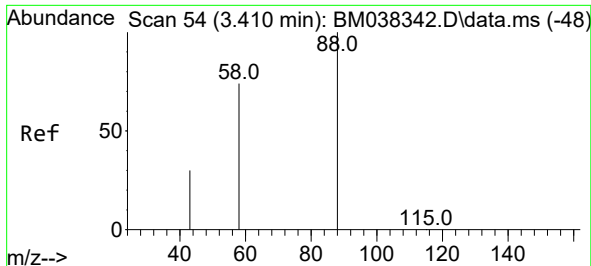
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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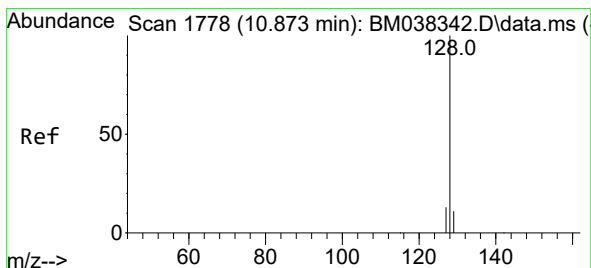
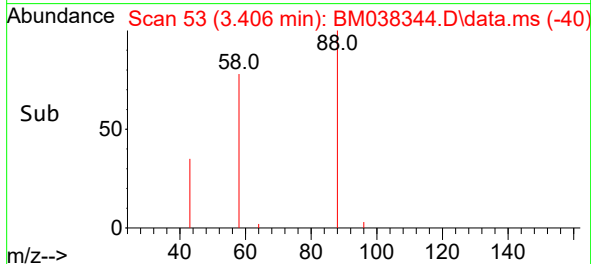
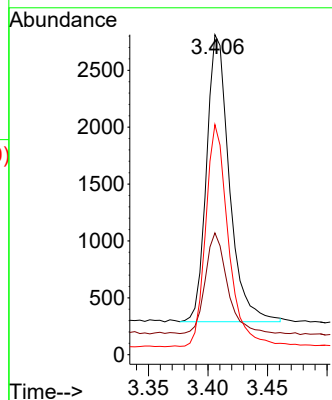
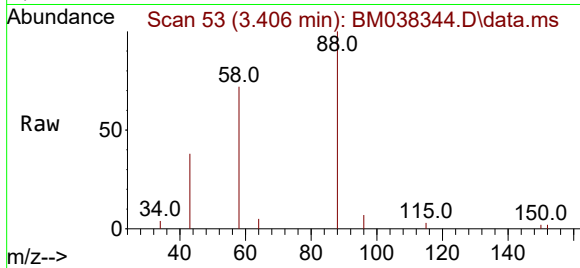




#2
1,4-Dioxane
Concen: 2.313 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

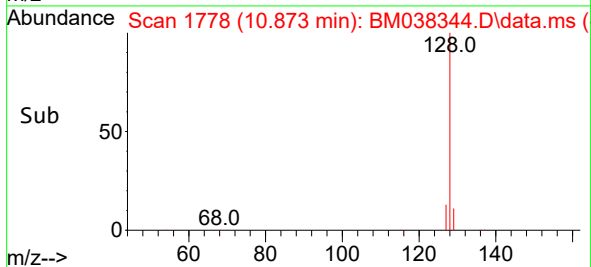
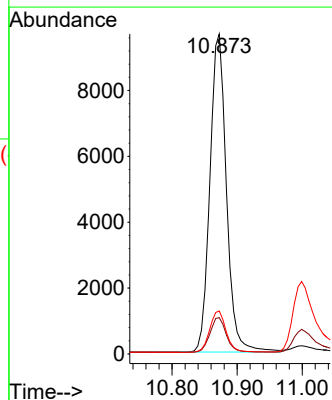
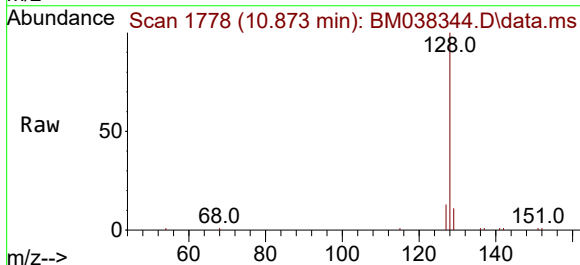
Instrument :
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ClientSampleId :
SSTD1.6033

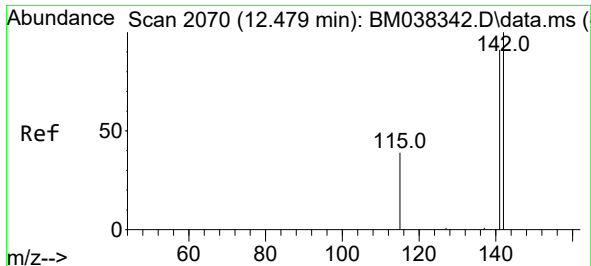
Tgt Ion: 88 Resp: 3363
Ion Ratio Lower Upper
88 100
43 38.0 32.6 49.0
58 71.9 46.6 69.8#



#5
Naphthalene
Concen: 1.444 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:128 Resp: 17063
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.4 11.4 17.2

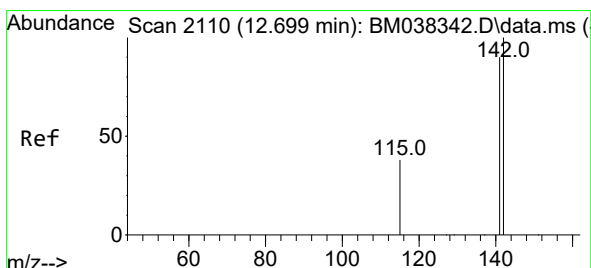
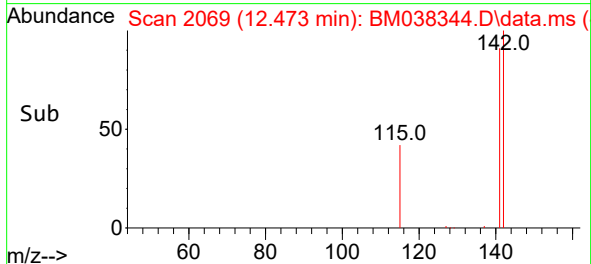
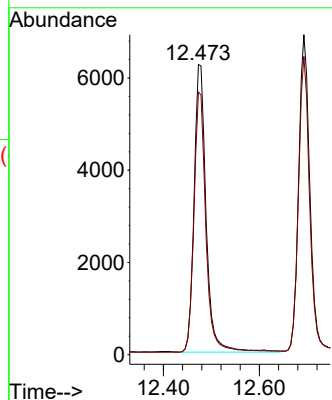
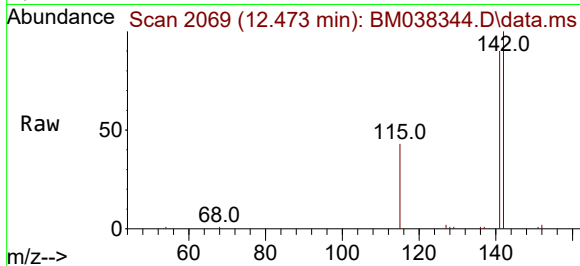




#7
2-Methylnaphthalene
Concen: 1.479 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

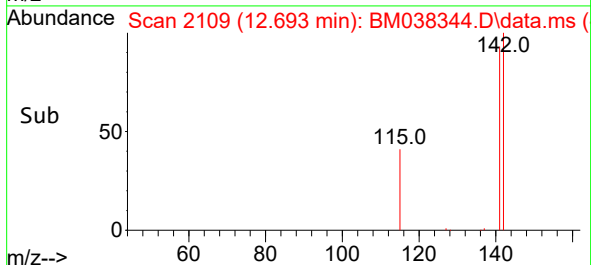
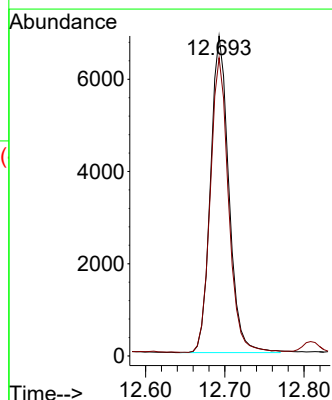
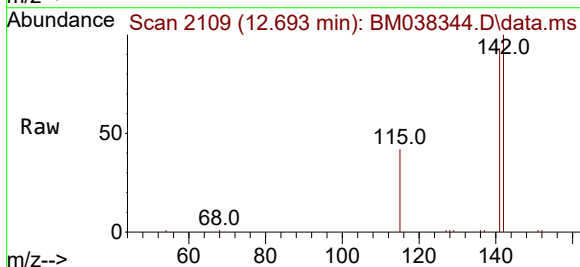
Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

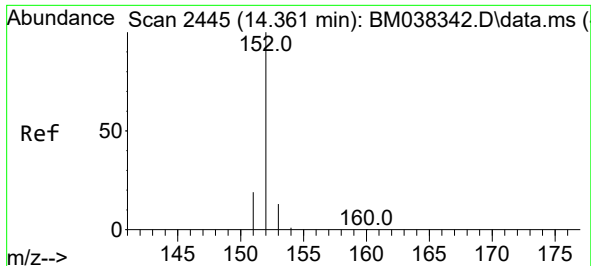
Tgt Ion:142 Resp: 10869
Ion Ratio Lower Upper
142 100
141 90.6 71.2 106.8



#8
1-Methylnaphthalene
Concen: 1.471 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:142 Resp: 11052
Ion Ratio Lower Upper
142 100
141 92.4 73.2 109.8

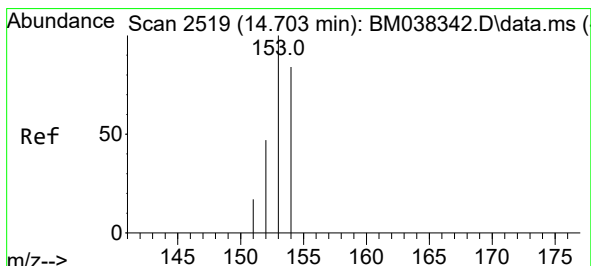
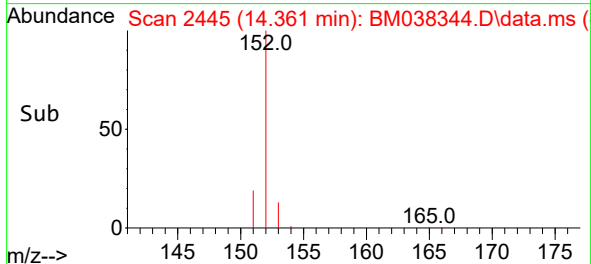
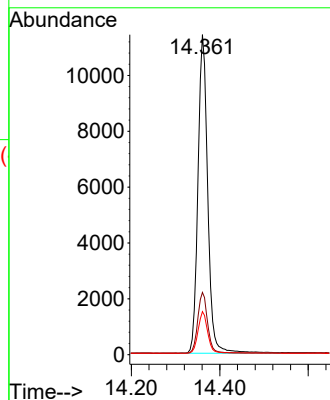
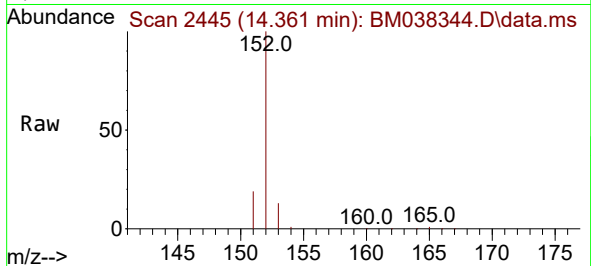




#10
Acenaphthylene
Concen: 1.310 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

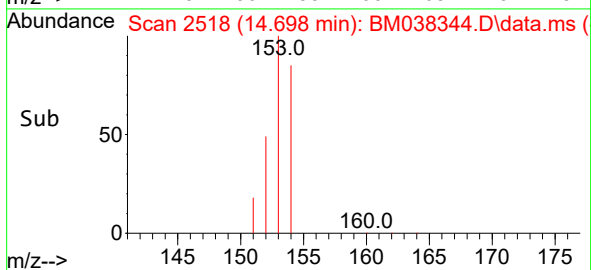
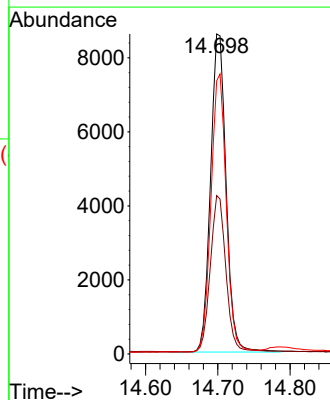
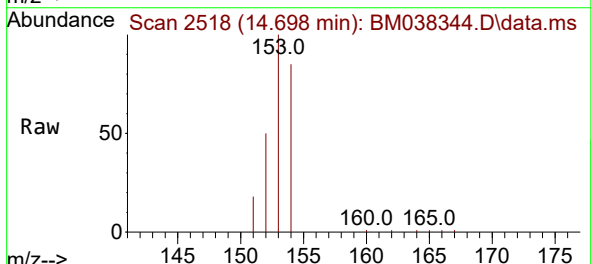
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ClientSampleId :
SSTD1.6033

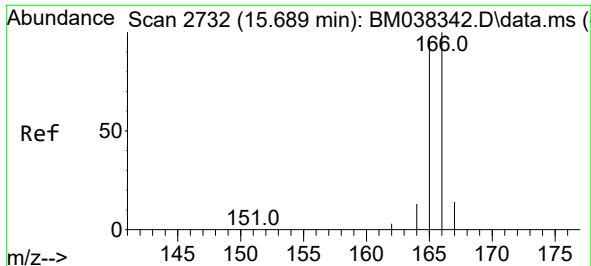
Tgt Ion:152 Resp: 17495
Ion Ratio Lower Upper
152 100
151 19.4 17.0 25.4
153 13.4 12.0 18.0



#11
Acenaphthene
Concen: 1.346 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:153 Resp: 12834
Ion Ratio Lower Upper
153 100
152 49.5 38.8 58.2
154 85.4 67.3 100.9

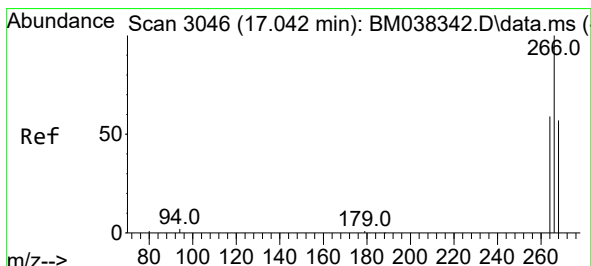
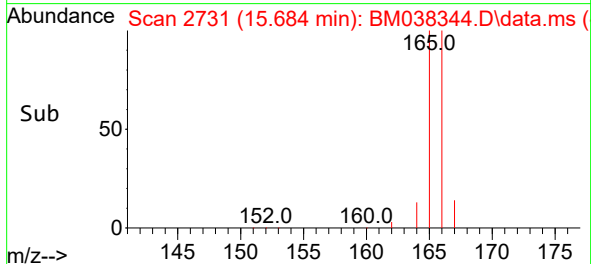
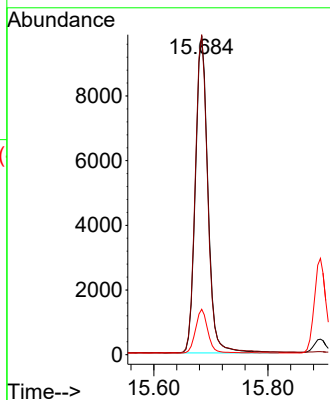
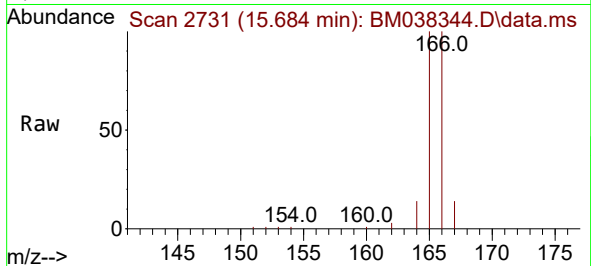




#12
 Fluorene
 Concen: 1.444 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM038344.D
 Acq: 29 Dec 2022 15:38

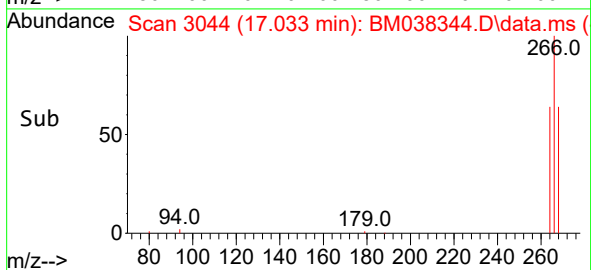
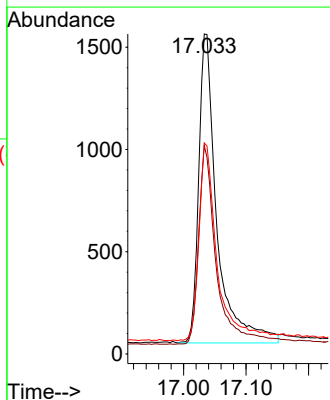
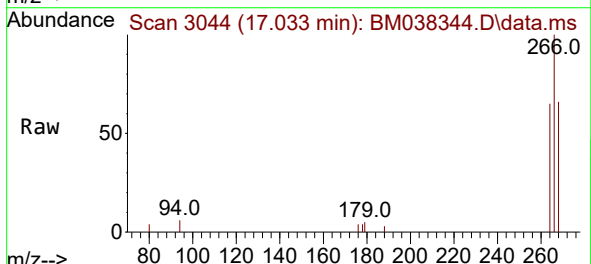
Instrument :
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 ClientSampleId :
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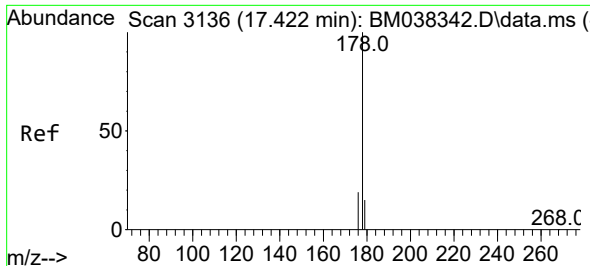
Tgt Ion:166 Resp: 14925
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.2 117.2
 167 14.2 12.5 18.7



#14
 Pentachlorophenol
 Concen: 1.175 ng/ul
 RT: 17.033 min Scan# 3044
 Delta R.T. -0.009 min
 Lab File: BM038344.D
 Acq: 29 Dec 2022 15:38

Tgt Ion:266 Resp: 3059
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.0 75.0
 268 64.9 48.2 72.2

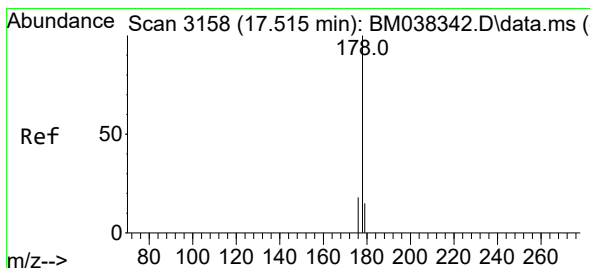
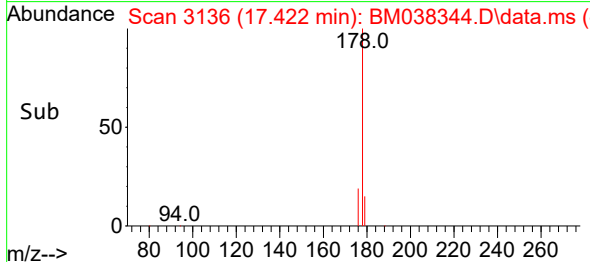
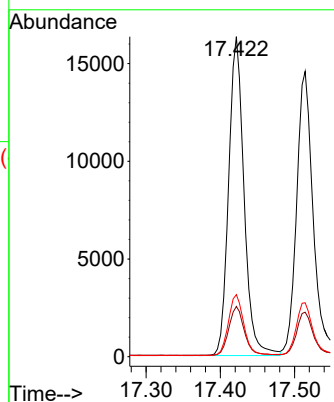
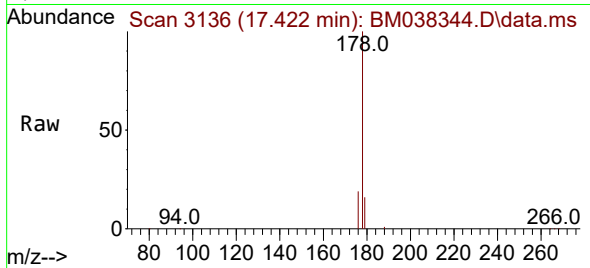




#15
Phenanthrene
Concen: 1.344 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

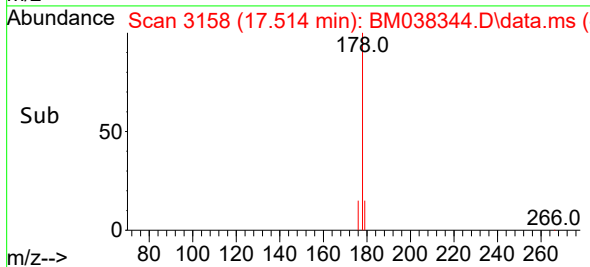
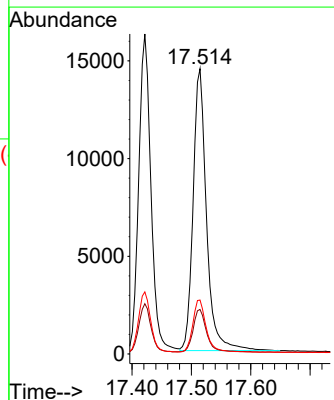
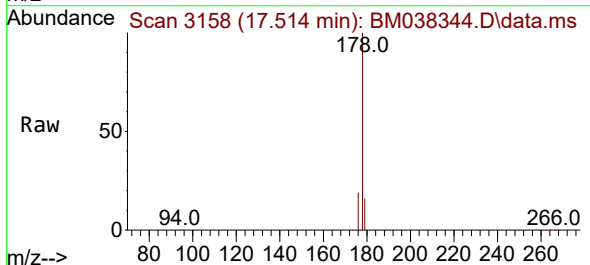
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ClientSampleId :
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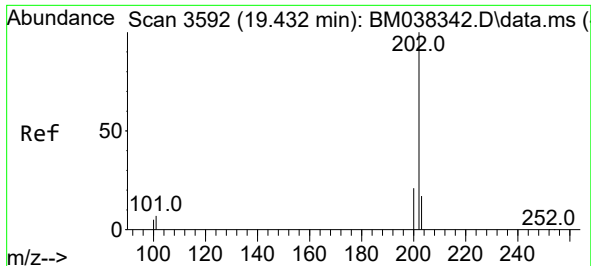
Tgt Ion:	178	Resp:	23507
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.5	20.3
176	19.4	16.6	25.0



#16
Anthracene
Concen: 1.345 ng/ul
RT: 17.514 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:	178	Resp:	22595
Ion Ratio	Lower	Upper	
178	100		
179	15.6	14.2	21.2
176	18.9	15.8	23.8

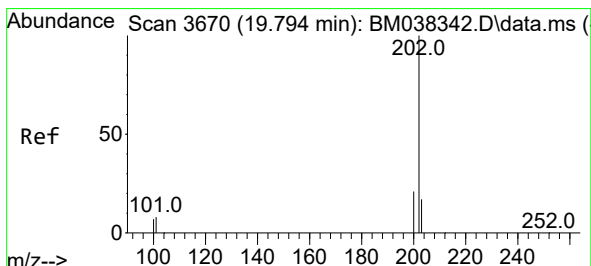
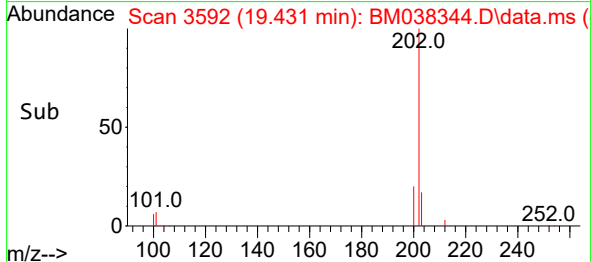
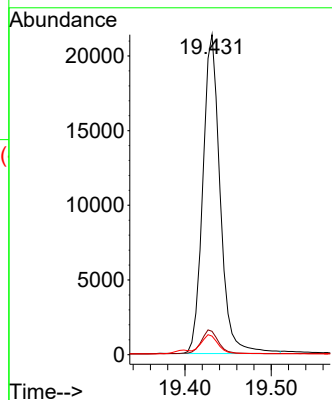
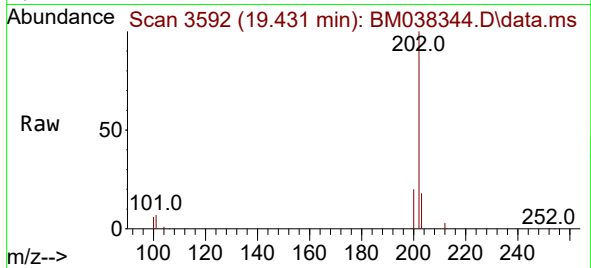




#19
Fluoranthene
Concen: 0.940 ng/ul
RT: 19.431 min Scan# 3592
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

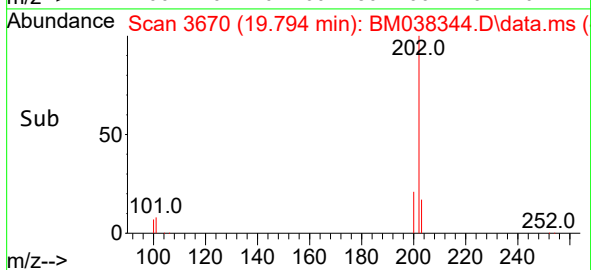
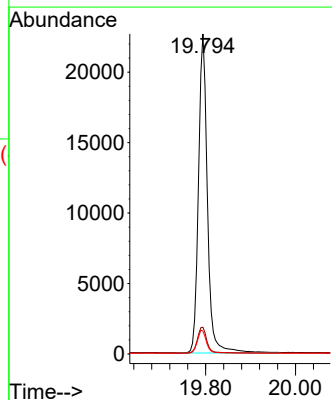
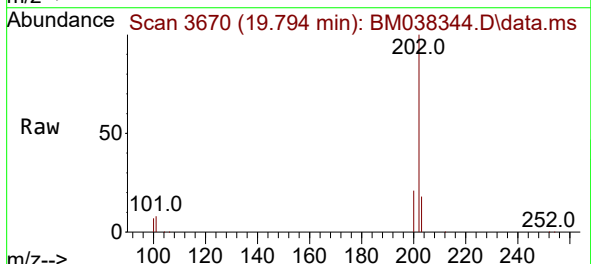
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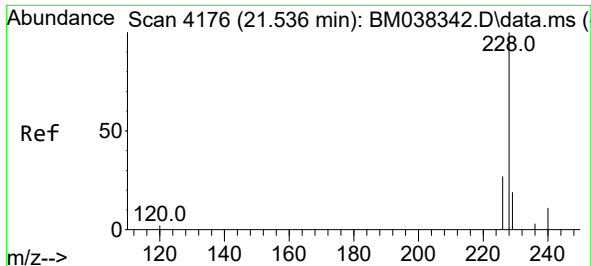
Tgt Ion:202 Resp: 29822
Ion Ratio Lower Upper
202 100
101 7.3 6.6 10.0
100 5.8 5.4 8.2



#20
Pyrene
Concen: 0.981 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:202 Resp: 31451
Ion Ratio Lower Upper
202 100
101 8.3 7.8 11.6
100 7.1 6.5 9.7

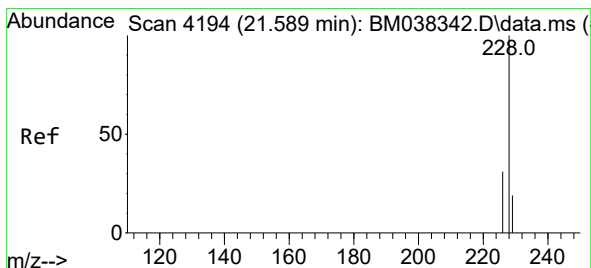
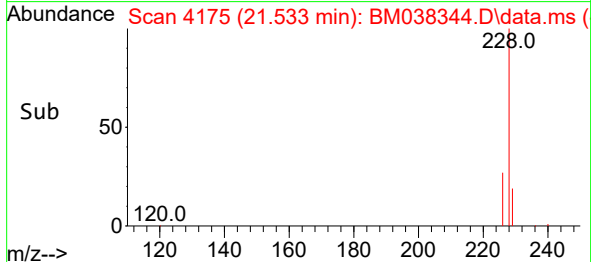
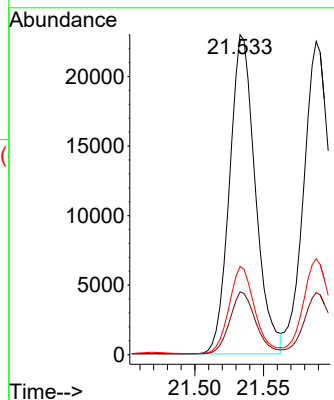
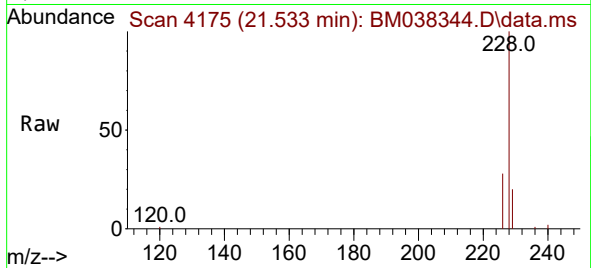




#21
Benzo(a)anthracene
Concen: 1.181 ng/ul
RT: 21.533 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

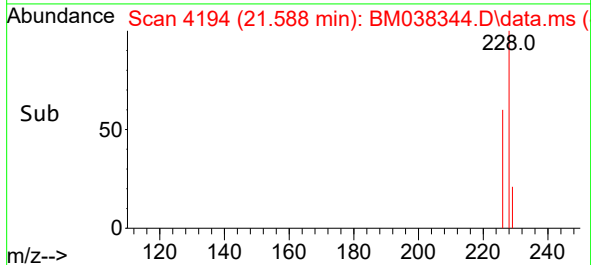
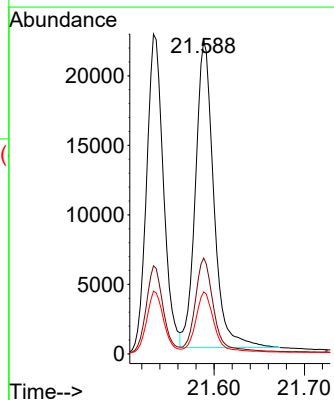
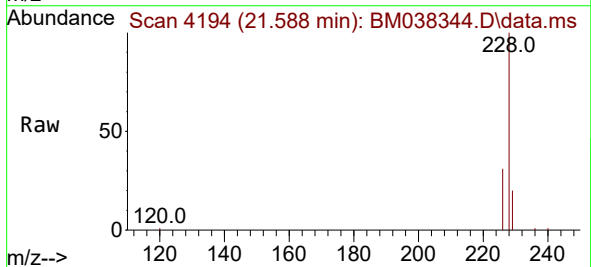
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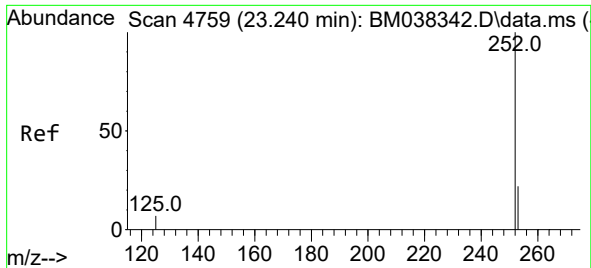
Tgt Ion:228 Resp: 30007
Ion Ratio Lower Upper
228 100
229 19.6 16.4 24.6
226 27.5 22.2 33.2



#22
Chrysene
Concen: 1.256 ng/ul
RT: 21.588 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:228 Resp: 31072
Ion Ratio Lower Upper
228 100
226 30.6 25.3 37.9
229 19.8 16.4 24.6

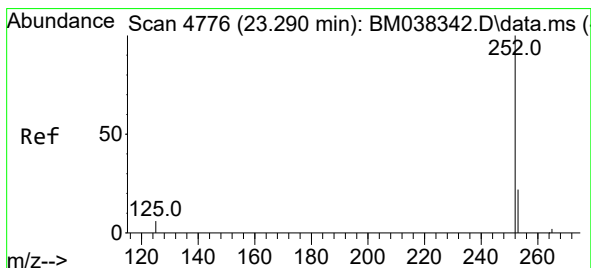
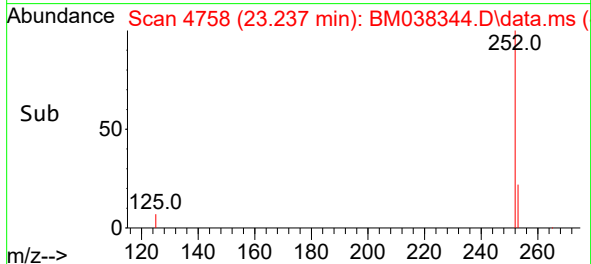
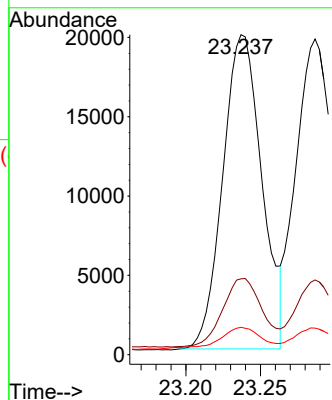
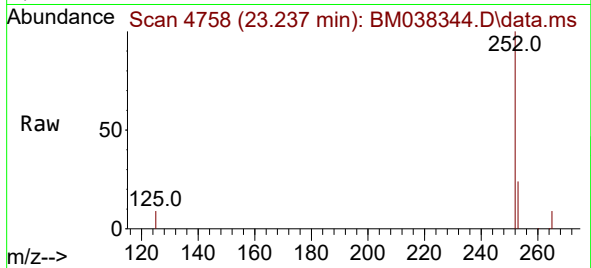




#24
Benzo(b)fluoranthene
Concen: 1.285 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

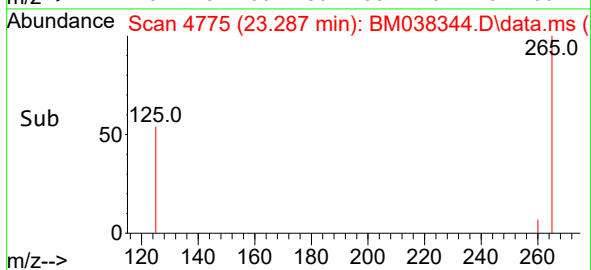
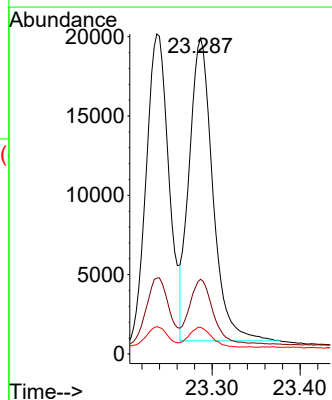
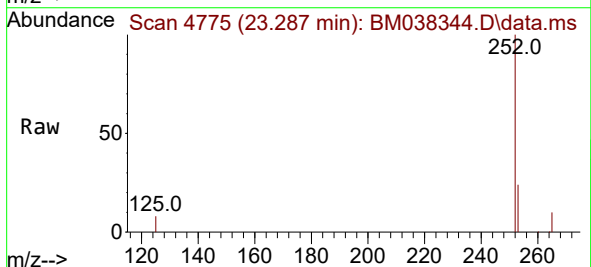
Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

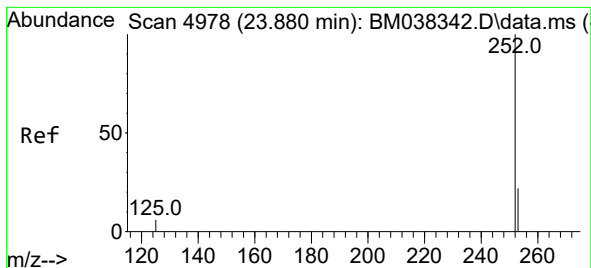
Tgt Ion:252 Resp: 36143
Ion Ratio Lower Upper
252 100
253 23.7 0.0 60.4
125 8.6 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 1.319 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:252 Resp: 35638
Ion Ratio Lower Upper
252 100
253 23.7 24.4 36.6#
125 8.4 10.7 16.1#





#26

Benzo(a)pyrene

Concen: 1.361 ng/ul

RT: 23.877 min Scan# 4978

Delta R.T. -0.003 min

Lab File: BM038344.D

Acq: 29 Dec 2022 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD1.6033

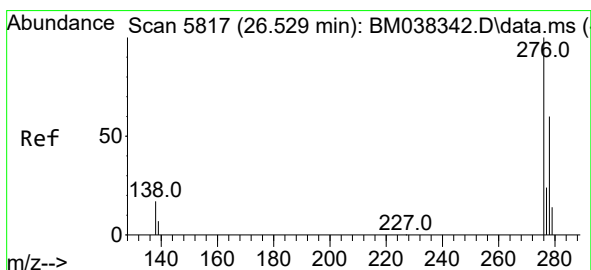
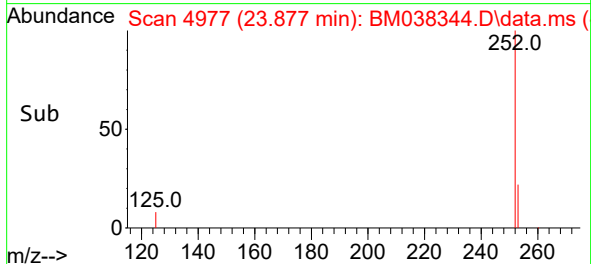
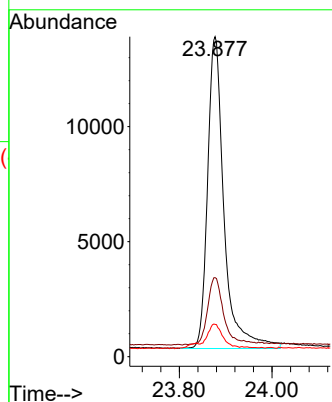
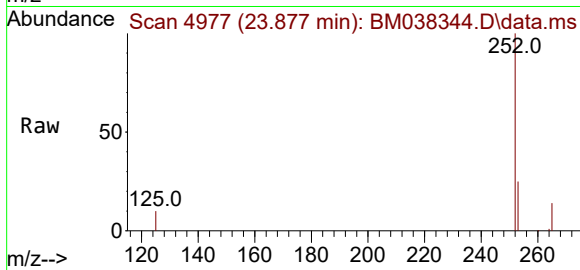
Tgt Ion:252 Resp: 33402

Ion Ratio Lower Upper

252 100

253 24.7 27.4 41.2#

125 10.1 13.8 20.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.409 ng/ul

RT: 26.522 min Scan# 5815

Delta R.T. -0.007 min

Lab File: BM038344.D

Acq: 29 Dec 2022 15:38

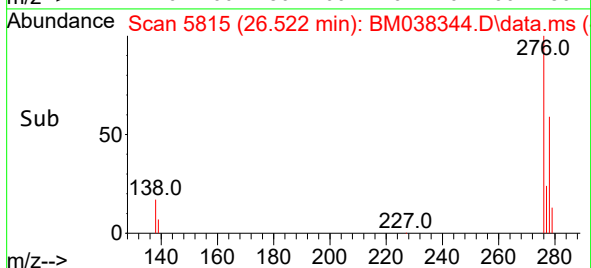
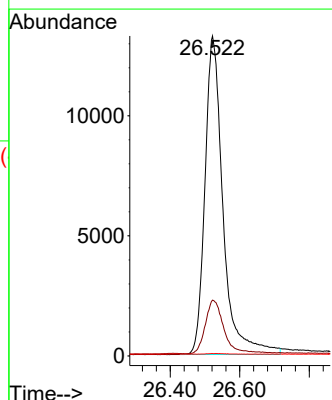
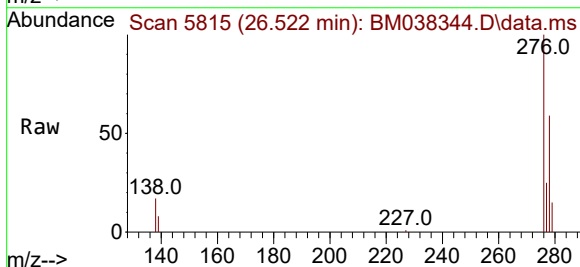
Tgt Ion:276 Resp: 47975

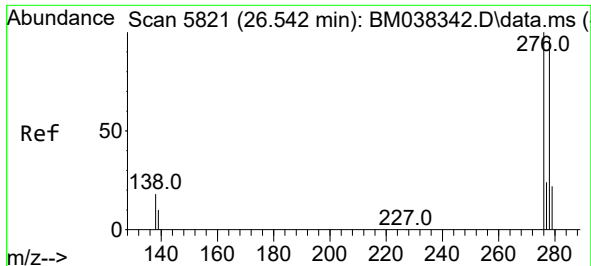
Ion Ratio Lower Upper

276 100

138 17.5 14.1 21.1

227 0.2 0.1 0.1#

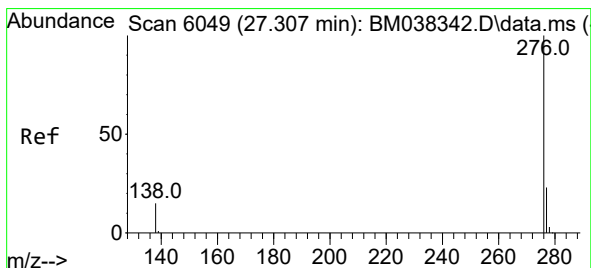
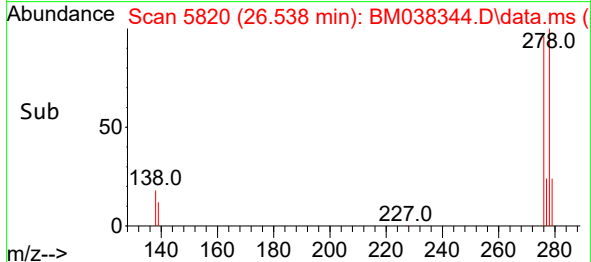
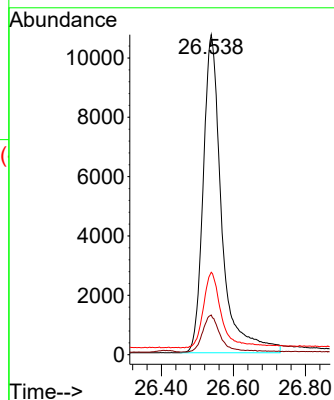
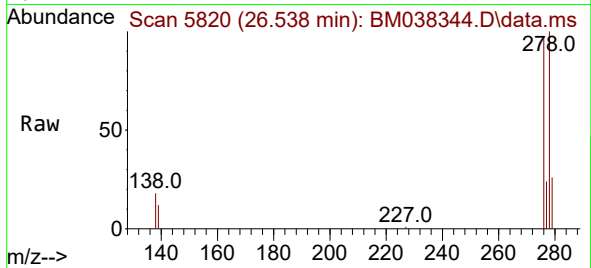




#28
Dibenzo(a,h)anthracene
Concen: 1.449 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. -0.004 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:278 Resp: 38315
Ion Ratio Lower Upper
278 100
139 12.4 11.4 17.0
279 25.7 26.4 39.6#



#29
Benzo(g,h,i)perylene
Concen: 1.454 ng/ul
RT: 27.306 min Scan# 6049
Delta R.T. -0.000 min
Lab File: BM038344.D
Acq: 29 Dec 2022 15:38

Tgt Ion:276 Resp: 41659
Ion Ratio Lower Upper
276 100
138 16.1 14.4 21.6
277 24.1 20.7 31.1

