

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038537.D
 Acq On : 25 Jan 2023 20:27
 Operator : CG/JU
 Sample : SST0.424
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4038

Quant Time: Jan 26 00:01:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 23:59:31 2023
 Response via : Initial Calibration

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

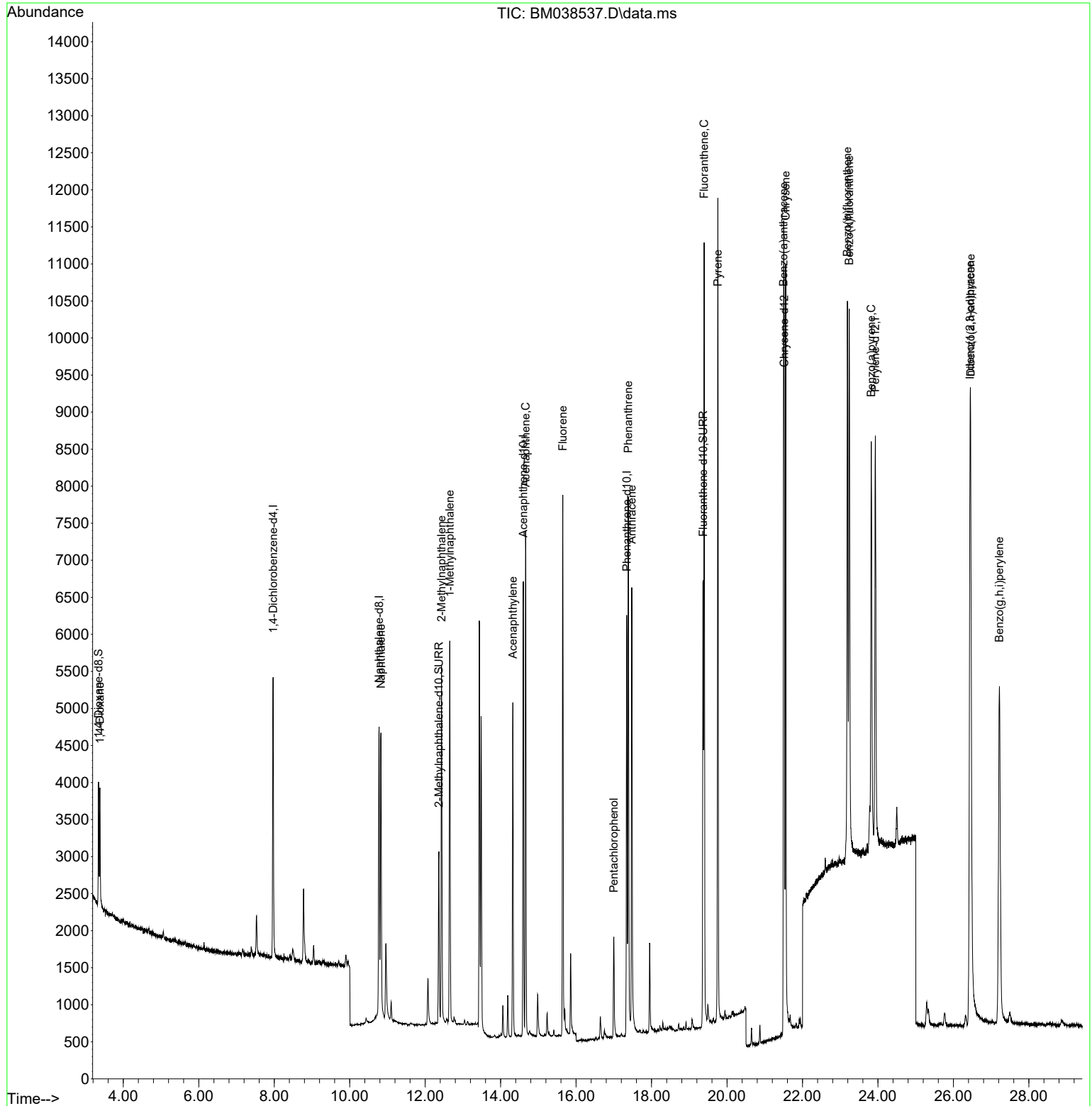
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	2074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	5394	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	3293	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	7344	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	7055	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	7752	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1087	0.352	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3074	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	7619	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	1070	0.338	ng/ul	100
5) Naphthalene	10.829	128	6522	0.453	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	3262	0.368	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	3448	0.383	ng/ul	100
10) Acenaphthylene	14.324	152	5189	0.339	ng/ul	100
11) Acenaphthene	14.661	153	3898	0.343	ng/ul	100
12) Fluorene	15.647	166	4754	0.369	ng/ul	100
14) Pentachlorophenol	16.999	266	1077	0.411	ng/ul	100
15) Phenanthrene	17.384	178	7871	0.363	ng/ul	100
16) Anthracene	17.476	178	7011	0.351	ng/ul	100
19) Fluoranthene	19.394	202	9421	0.386	ng/ul	100
20) Pyrene	19.757	202	10013	0.384	ng/ul	100
21) Benzo(a)anthracene	21.501	228	9057	0.386	ng/ul	100
22) Chrysene	21.553	228	9097	0.367	ng/ul	100
24) Benzo(b)fluoranthene	23.190	252	10528	0.375	ng/ul	100
25) Benzo(k)fluoranthene	23.240	252	10385	0.371	ng/ul	100
26) Benzo(a)pyrene	23.822	252	9495	0.358	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.441	276	13173	0.339	ng/ul	100
28) Dibenzo(a,h)anthracene	26.458	278	10567	0.348	ng/ul	100
29) Benzo(g,h,i)perylene	27.219	276	11482	0.333	ng/ul	100

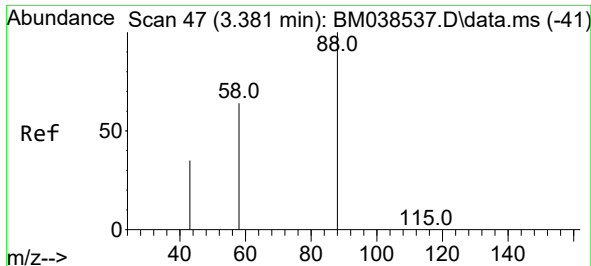
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

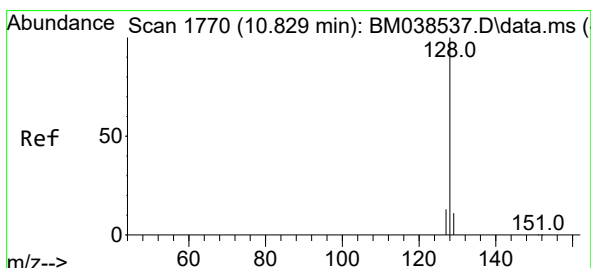
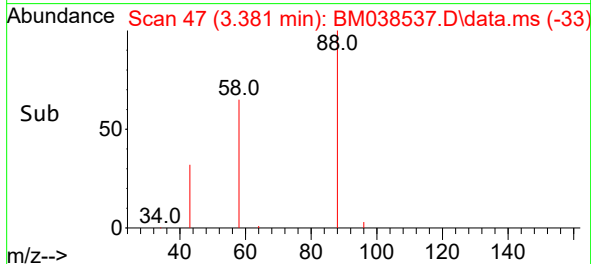
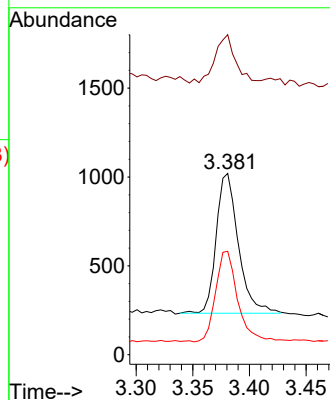
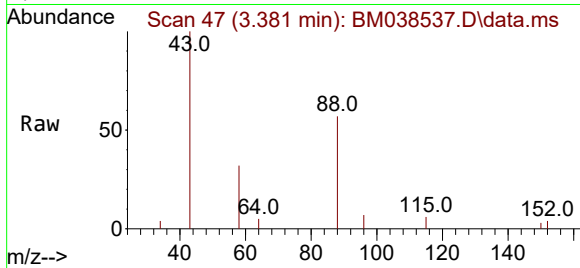




#2
1,4-Dioxane
Concen: 0.338 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

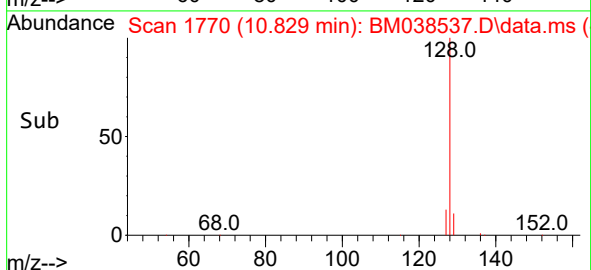
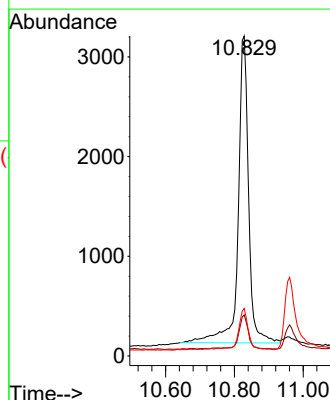
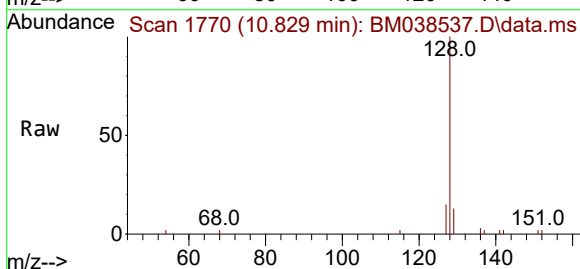
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

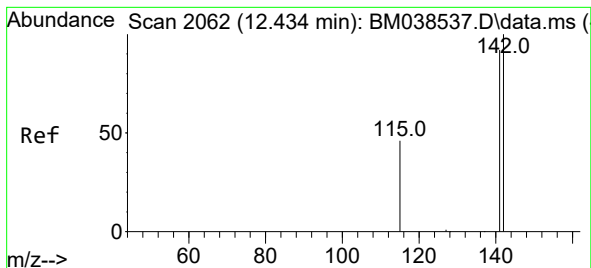
Tgt Ion: 88 Resp: 1070
Ion Ratio Lower Upper
88 100
43 176.6 141.3 211.9
58 57.1 45.7 68.5



#5
Naphthalene
Concen: 0.453 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion: 128 Resp: 6522
Ion Ratio Lower Upper
128 100
129 12.9 10.3 15.5
127 14.9 11.9 17.9

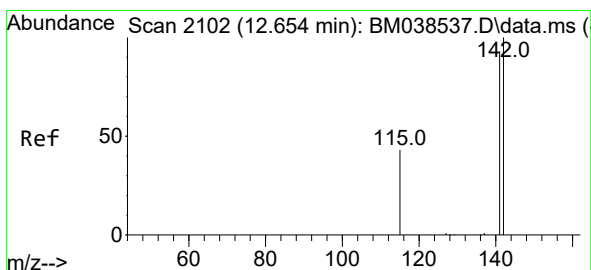
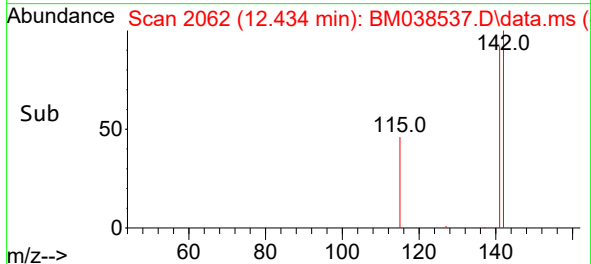
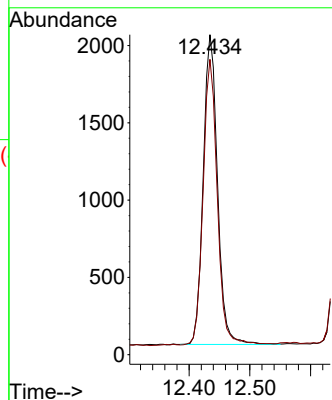
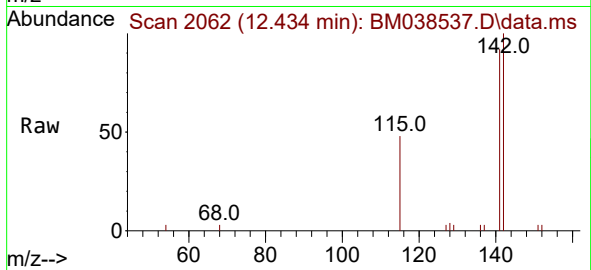




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

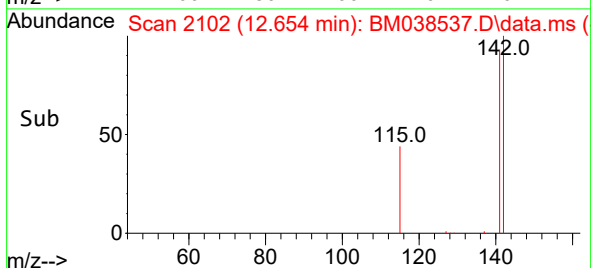
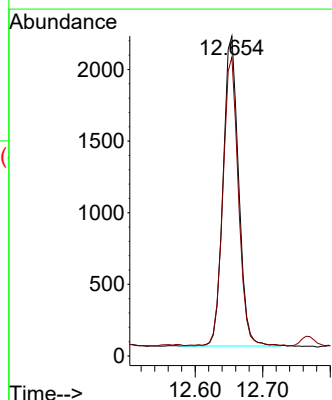
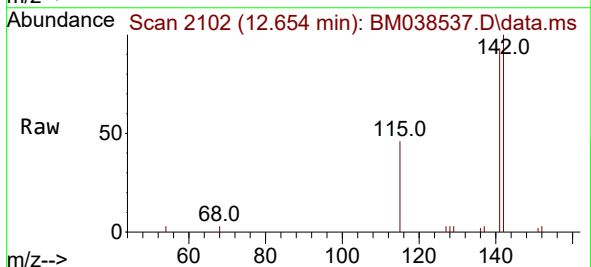
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

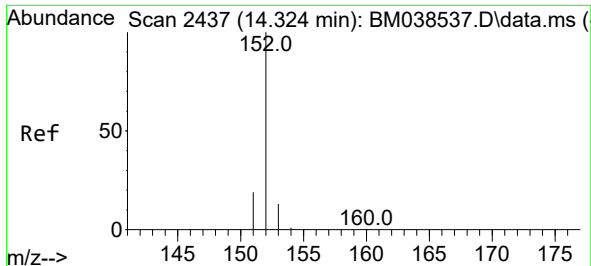
Tgt Ion:142 Resp: 3262
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:142 Resp: 3448
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

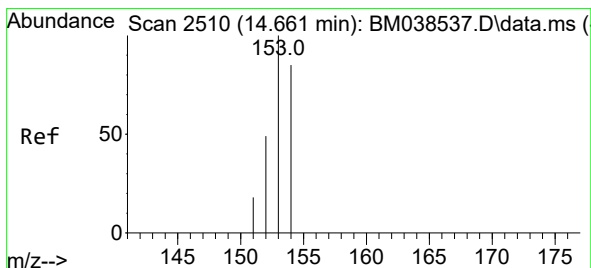
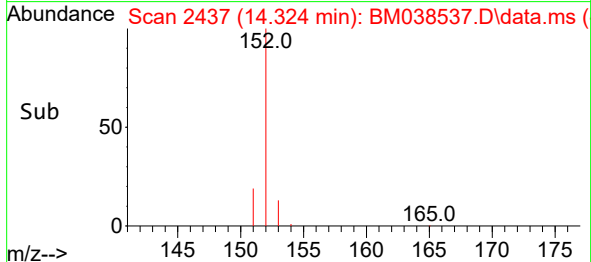
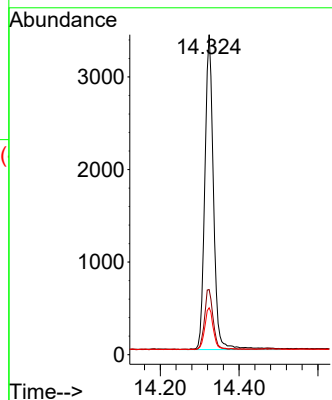
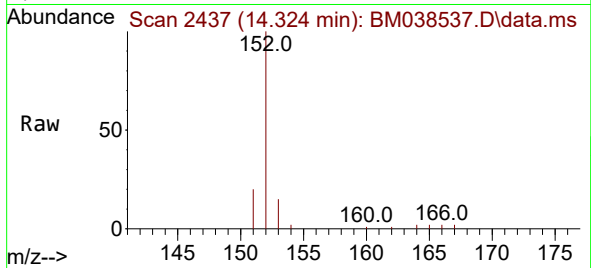




#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

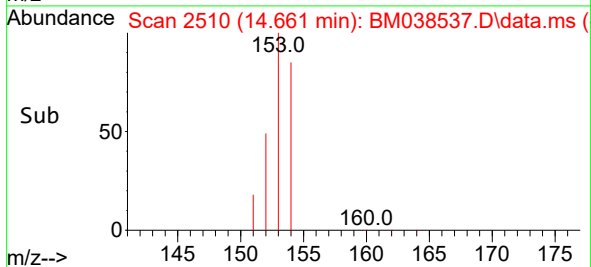
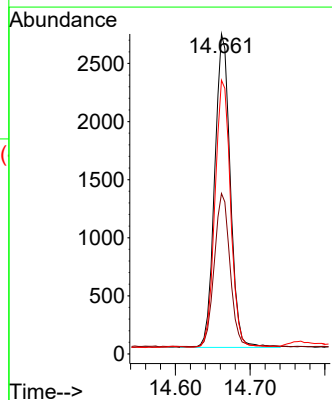
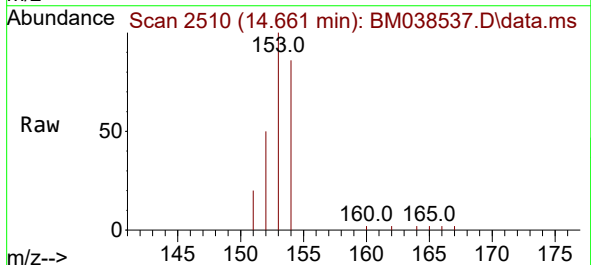
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

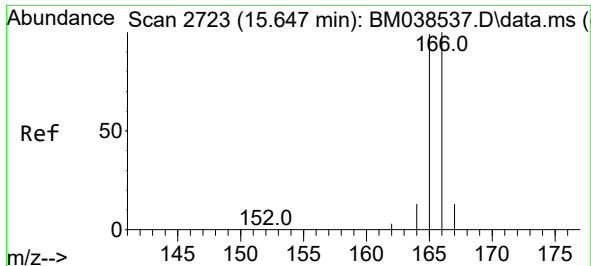
Tgt Ion:152 Resp: 5189
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.7 11.8 17.6



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:153 Resp: 3898
Ion Ratio Lower Upper
153 100
152 50.1 40.1 60.1
154 85.5 68.4 102.6

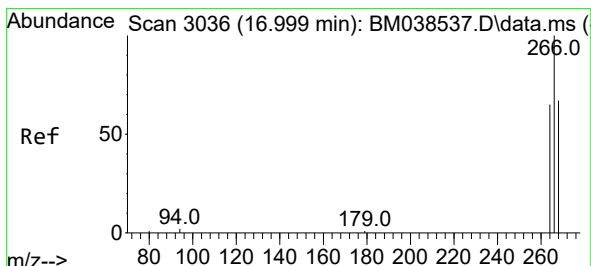
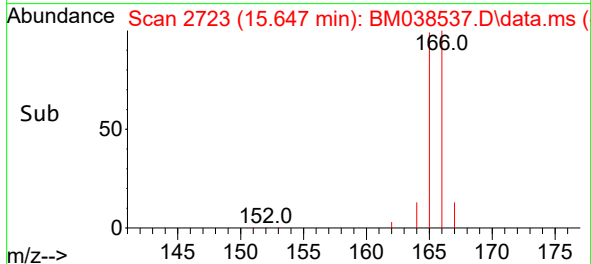
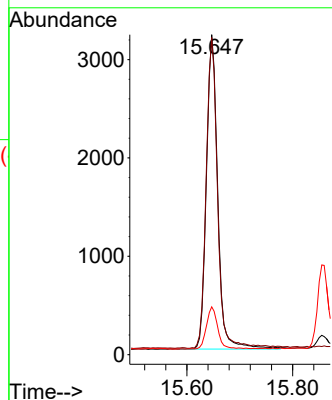
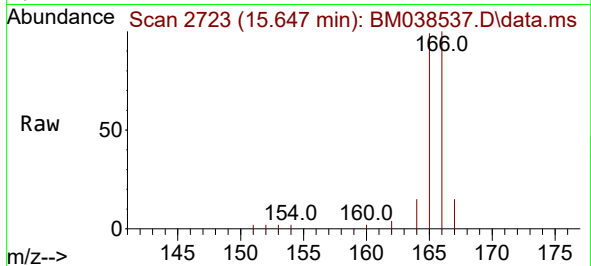




#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

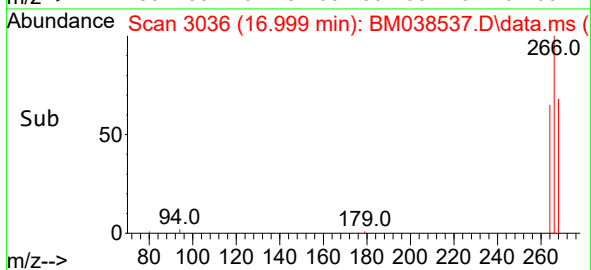
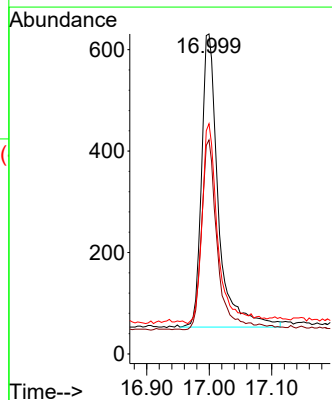
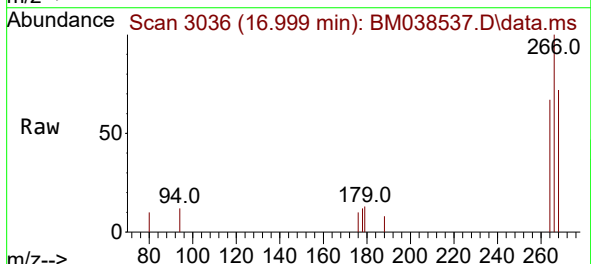
Instrument :
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ClientSampleId :
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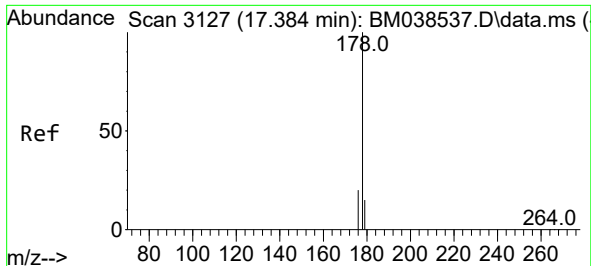
Tgt Ion:166 Resp: 4754
Ion Ratio Lower Upper
166 100
165 99.1 79.3 118.9
167 14.9 11.9 17.9



#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:266 Resp: 1077
Ion Ratio Lower Upper
266 100
264 61.8 49.4 74.2
268 64.6 51.7 77.5

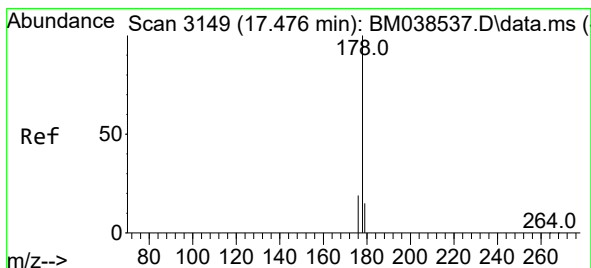
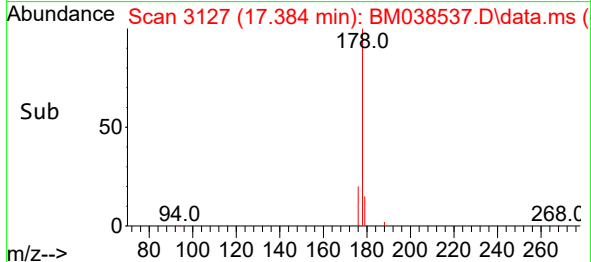
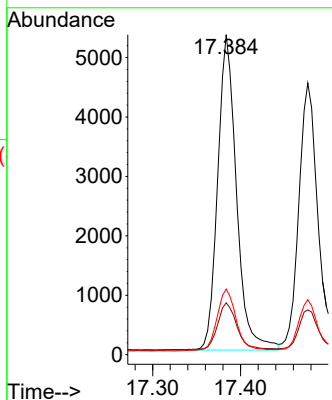
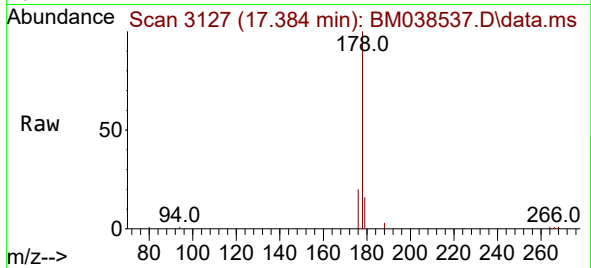




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

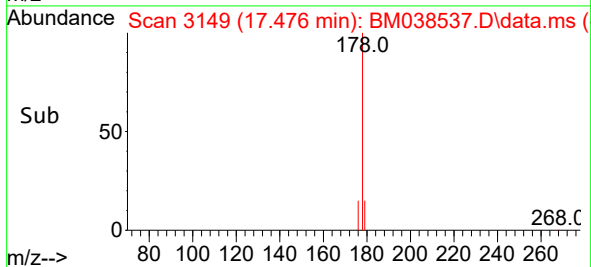
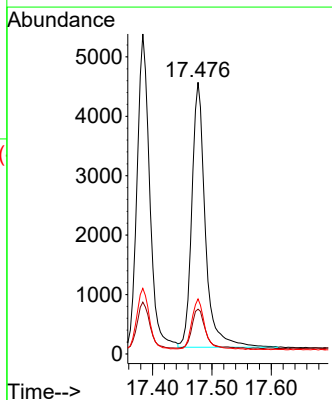
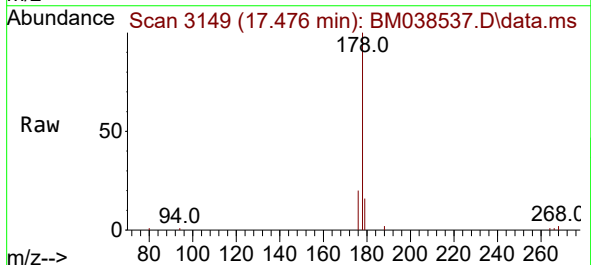
Instrument :
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ClientSampleId :
SSTD0.4038

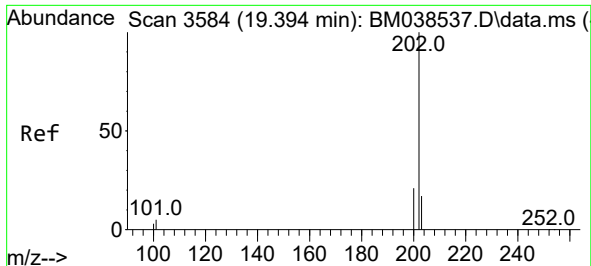
Tgt Ion:178 Resp: 7871
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 20.5 16.4 24.6



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:178 Resp: 7011
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 20.3 16.2 24.4

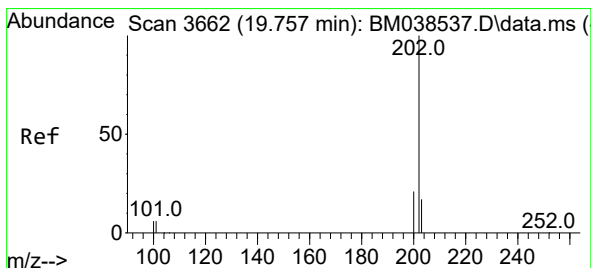
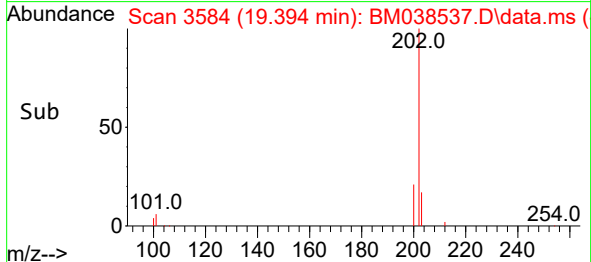
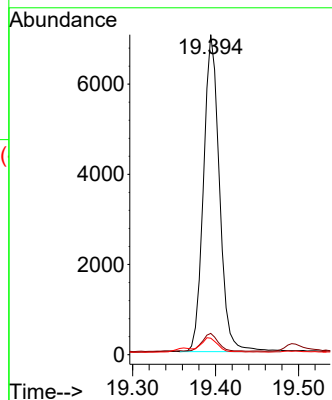
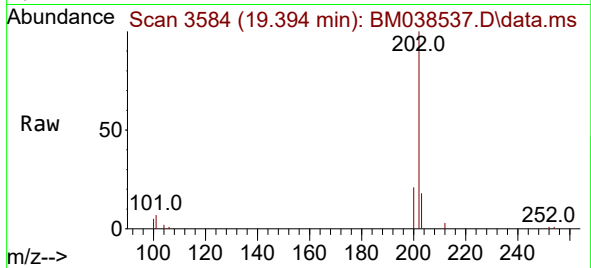




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

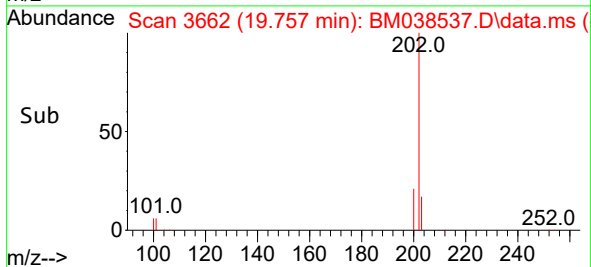
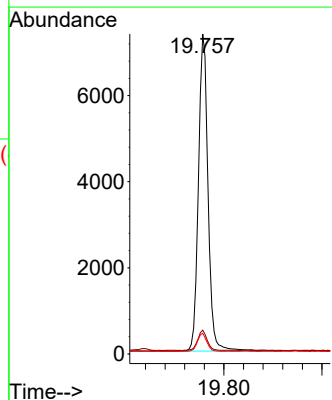
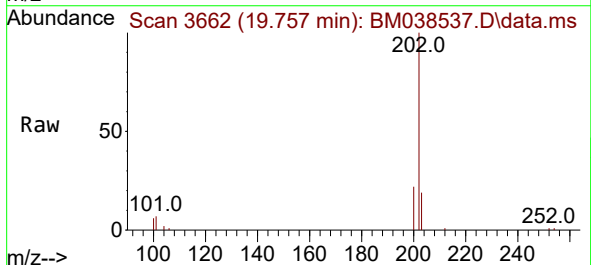
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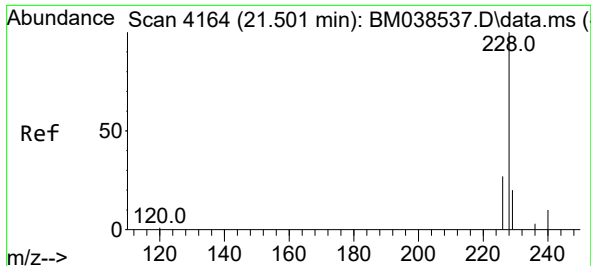
Tgt Ion:202 Resp: 9421
Ion Ratio Lower Upper
202 100
101 6.6 5.3 7.9
100 5.2 4.2 6.2



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:202 Resp: 10013
Ion Ratio Lower Upper
202 100
101 7.4 5.9 8.9
100 6.5 5.2 7.8

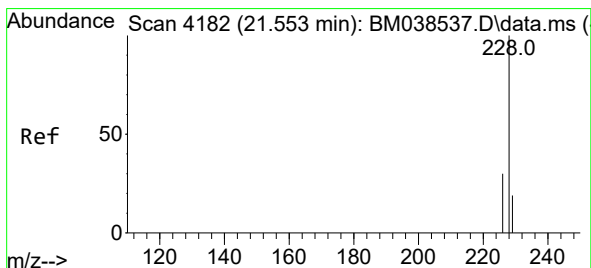
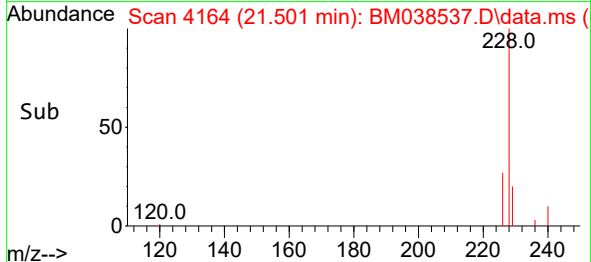
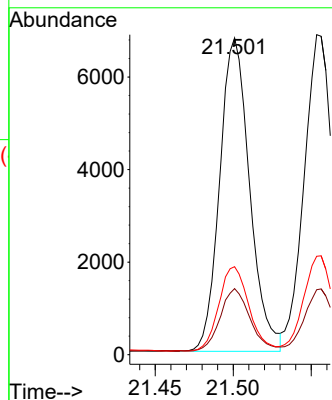
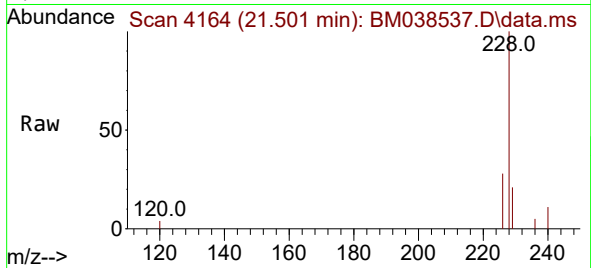




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

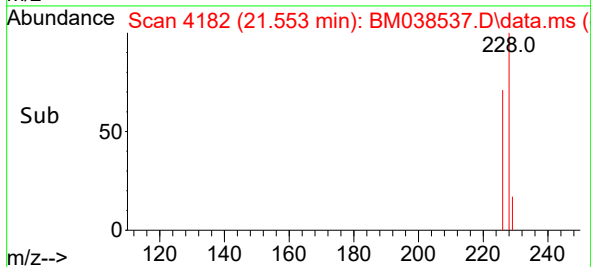
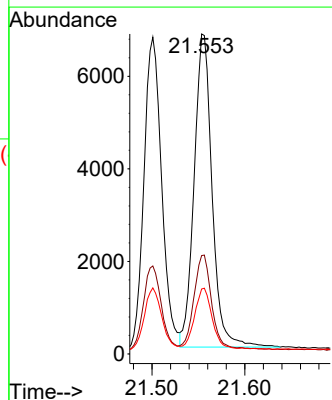
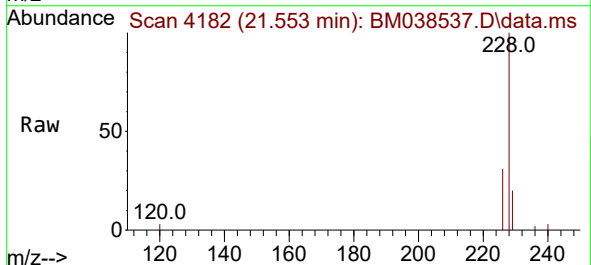
Instrument :
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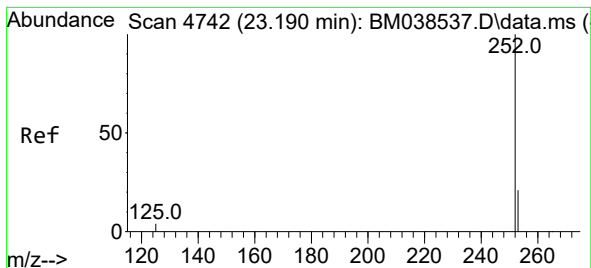
Tgt Ion:228 Resp: 9057
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:228 Resp: 9097
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.3 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 0.375 ng/ul

RT: 23.190 min Scan# 4742

Delta R.T. 0.000 min

Lab File: BM038537.D

Acq: 25 Jan 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.4038

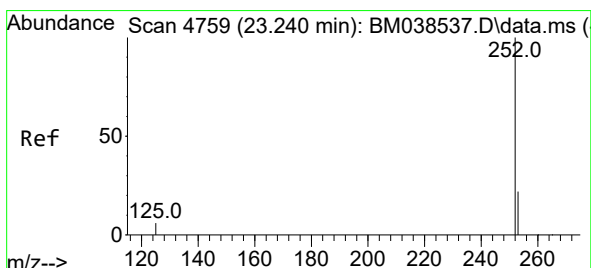
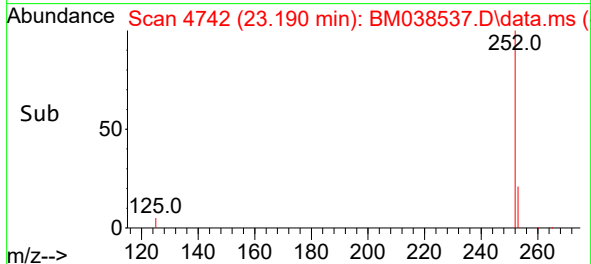
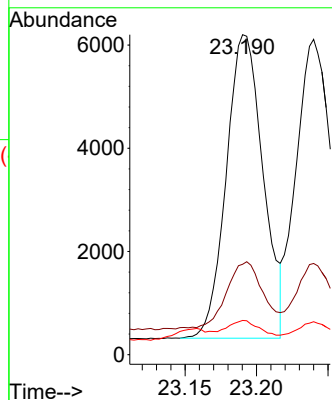
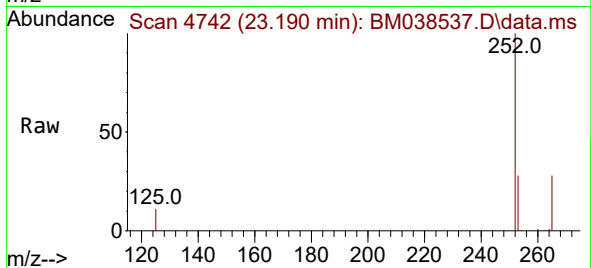
Tgt Ion:252 Resp: 10528

Ion Ratio Lower Upper

252 100

253 28.3 0.0 56.6

125 10.7 0.0 21.4



#25

Benzo(k)fluoranthene

Concen: 0.371 ng/ul

RT: 23.240 min Scan# 4759

Delta R.T. 0.000 min

Lab File: BM038537.D

Acq: 25 Jan 2023 20:27

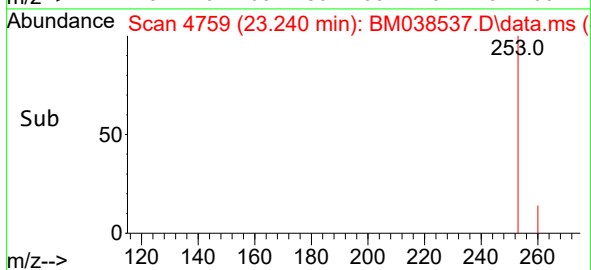
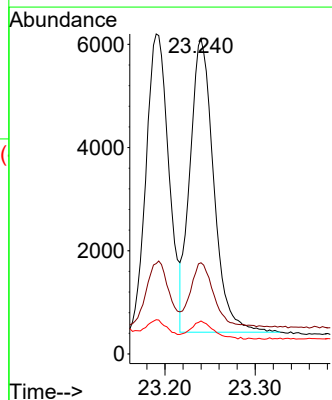
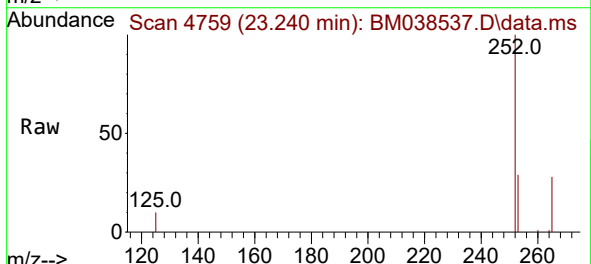
Tgt Ion:252 Resp: 10385

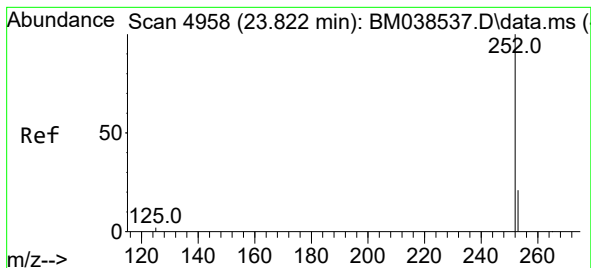
Ion Ratio Lower Upper

252 100

253 28.9 23.1 34.7

125 10.5 8.4 12.6





#26

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.822 min Scan# 4958

Delta R.T. 0.000 min

Lab File: BM038537.D

Acq: 25 Jan 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SSTD0.4038

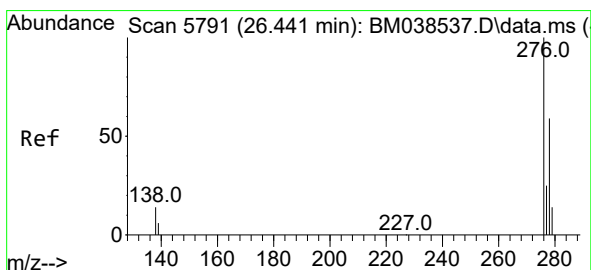
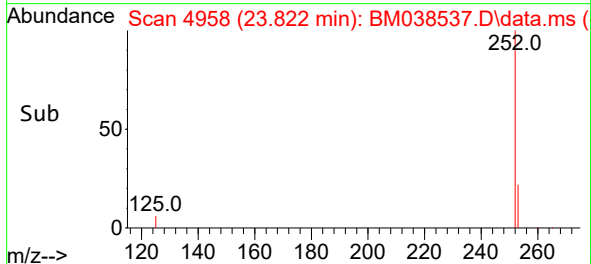
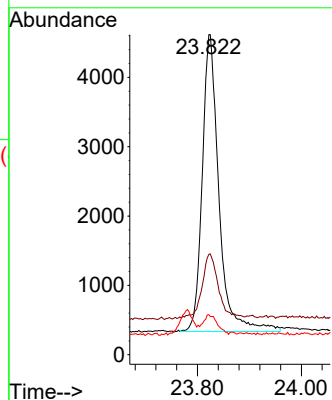
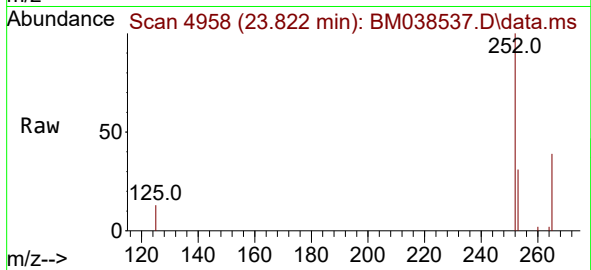
Tgt Ion:252 Resp: 9495

Ion Ratio Lower Upper

252 100

253 31.4 25.1 37.7

125 12.5 10.0 15.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng/ul

RT: 26.441 min Scan# 5791

Delta R.T. 0.000 min

Lab File: BM038537.D

Acq: 25 Jan 2023 20:27

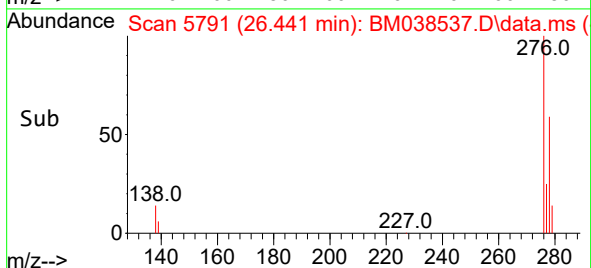
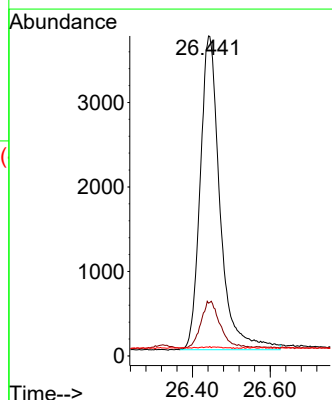
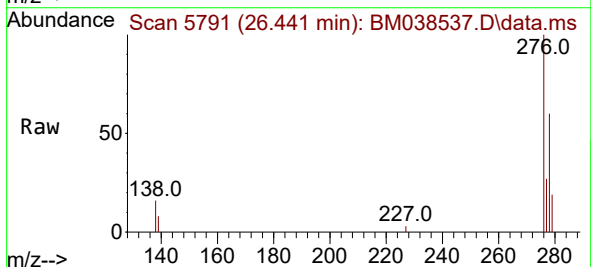
Tgt Ion:276 Resp: 13173

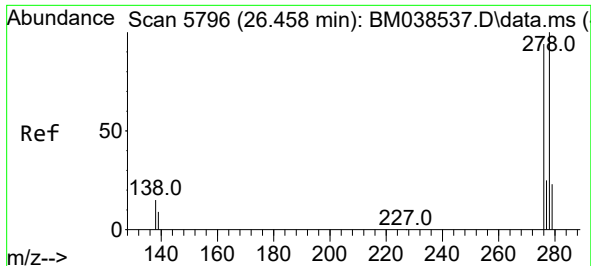
Ion Ratio Lower Upper

276 100

138 14.6 11.7 17.5

227 0.4 0.3 0.5

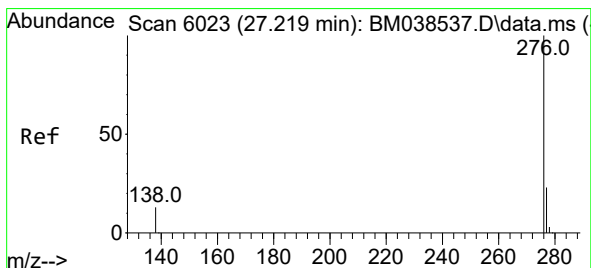
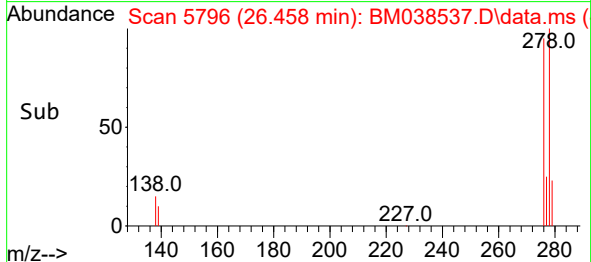
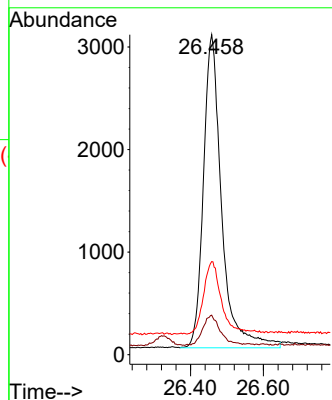
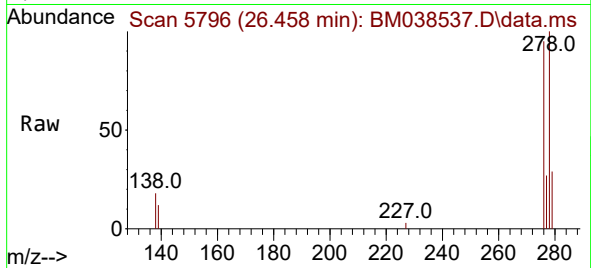




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.458 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

Tgt Ion:278 Resp: 10567
Ion Ratio Lower Upper
278 100
139 12.3 9.8 14.8
279 29.1 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. 0.000 min
Lab File: BM038537.D
Acq: 25 Jan 2023 20:27

Tgt Ion:276 Resp: 11482
Ion Ratio Lower Upper
276 100
138 15.8 12.6 19.0
277 25.6 20.5 30.7

