

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
 Data File : BM037148.D
 Acq On : 19 Oct 2022 12:18
 Operator : CG/JU
 Sample : SST0.475
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4031

Quant Time: Oct 20 02:00:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 01:35:54 2022
 Response via : Initial Calibration

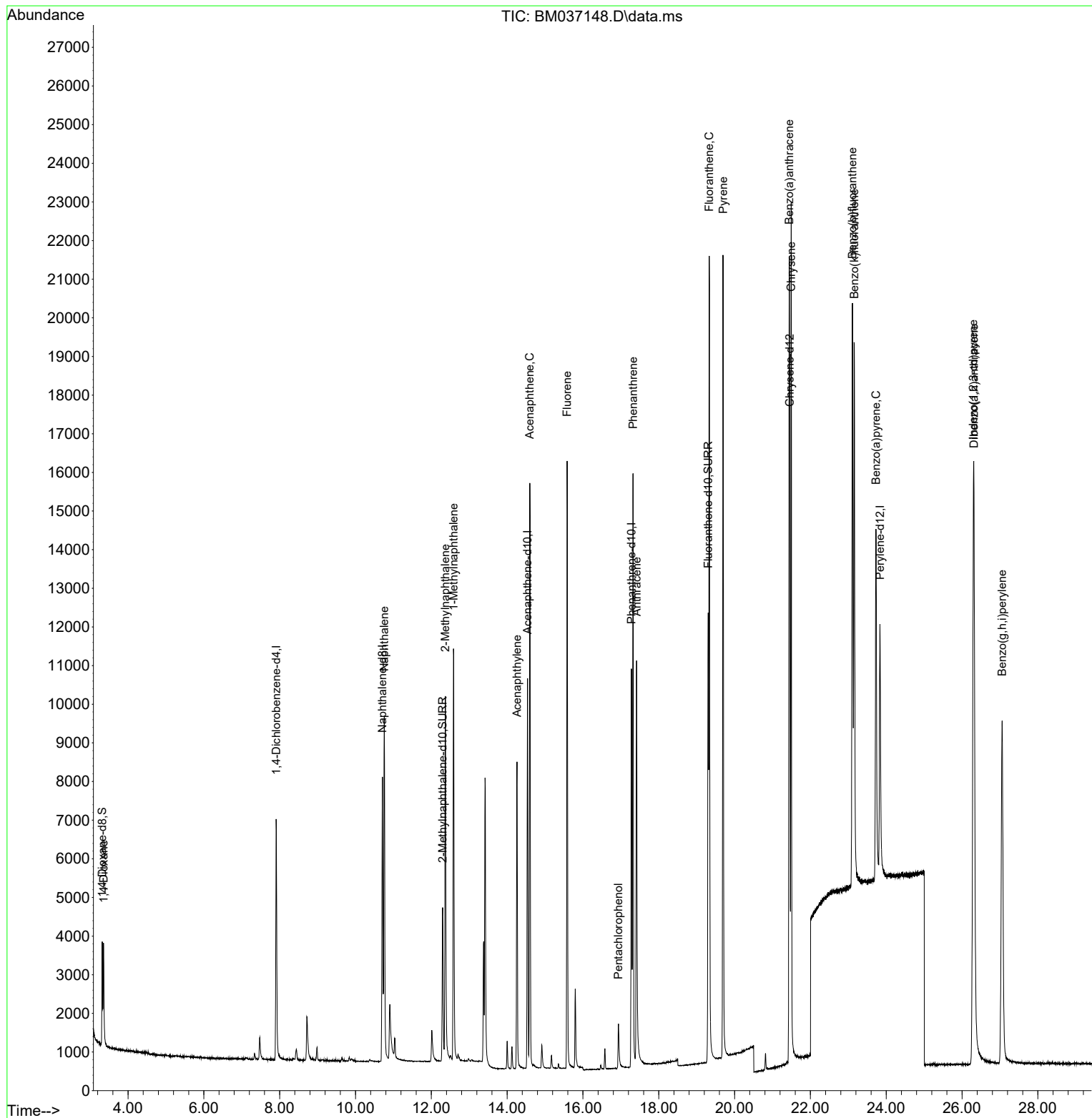
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	3660	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	10582	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	5444	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	12279	0.400	ng/ul	0.00
17) Chrysene-d12	21.456	240	10682	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	9430	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1864	0.361	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	6110	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.303	212	13242	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	1904	0.377	ng/ul	100
5) Naphthalene	10.759	128	12769	0.422	ng/ul	100
7) 2-Methylnaphthalene	12.371	142	7563	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.591	142	7752	0.412	ng/ul	100
10) Acenaphthylene	14.260	152	9489	0.419	ng/ul	100
11) Acenaphthene	14.598	153	8680	0.442	ng/ul	100
12) Fluorene	15.584	166	10096	0.454	ng/ul	100
14) Pentachlorophenol	16.938	266	1098	0.369	ng/ul	100
15) Phenanthrene	17.322	178	16857	0.430	ng/ul	100
16) Anthracene	17.415	178	13298	0.406	ng/ul	100
19) Fluoranthene	19.331	202	19058	0.449	ng/ul	100
20) Pyrene	19.698	202	19260	0.435	ng/ul	100
21) Benzo(a)anthracene	21.441	228	16735	0.434	ng/ul	100
22) Chrysene	21.491	228	19469	0.470	ng/ul	100
24) Benzo(b)fluoranthene	23.110	252	20356	0.483	ng/ul	100
25) Benzo(k)fluoranthene	23.157	252	19365	0.472	ng/ul	100
26) Benzo(a)pyrene	23.730	252	15924	0.466	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.299	276	22893	0.473	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.316	278	18143	0.464	ng/ul	100
29) Benzo(g,h,i)perylene	27.057	276	20466	0.480	ng/ul	100

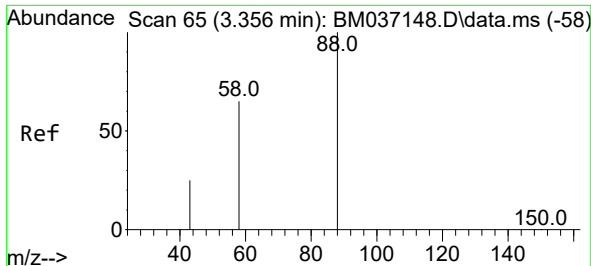
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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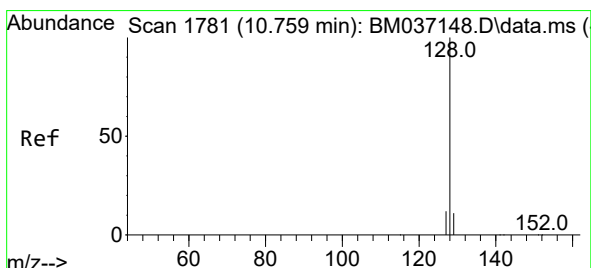
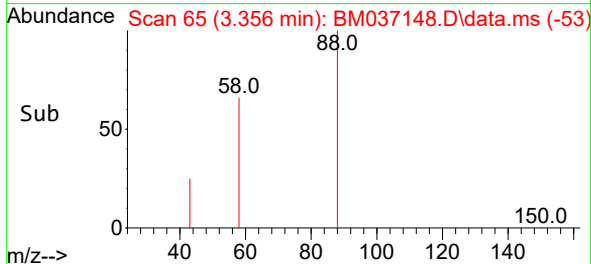
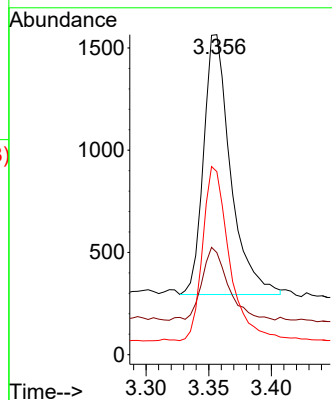
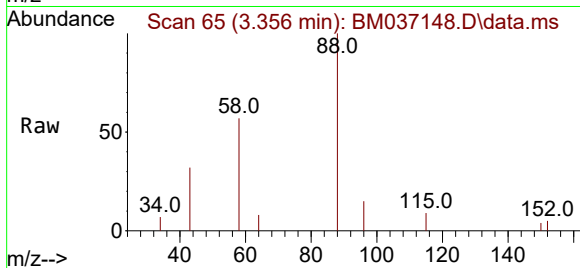




#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

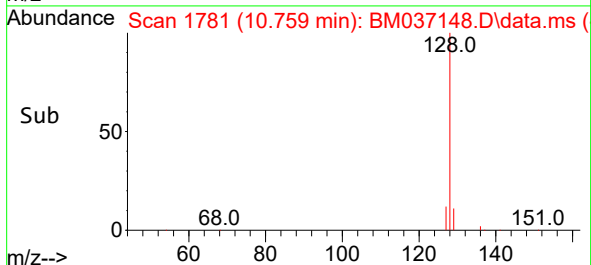
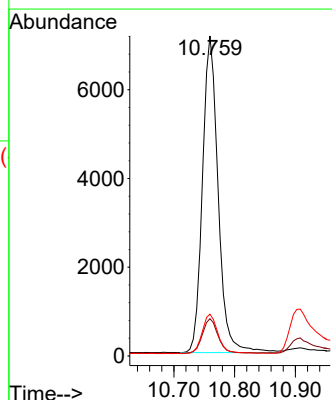
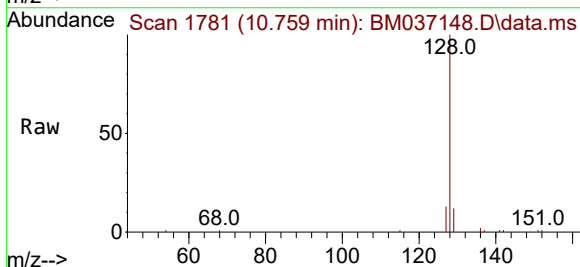
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

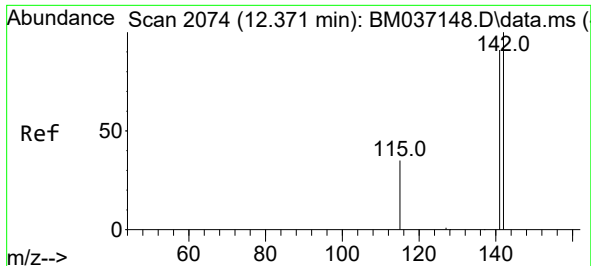
Tgt Ion: 88 Resp: 1904
Ion Ratio Lower Upper
88 100
43 31.9 25.5 38.3
58 57.2 45.8 68.6



#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion: 128 Resp: 12769
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.1 10.5 15.7

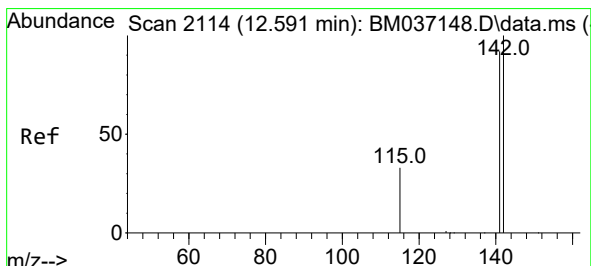
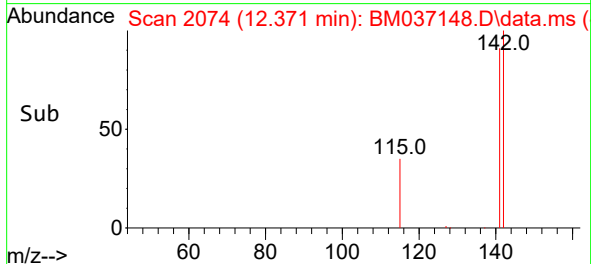
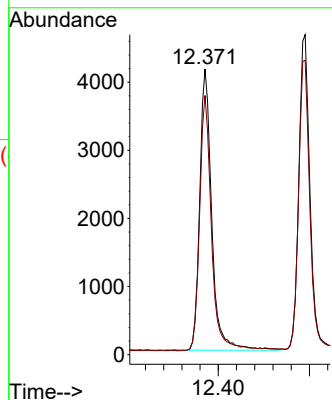
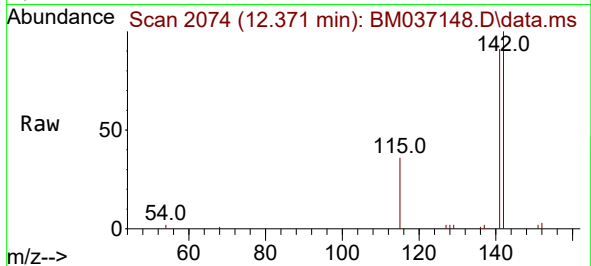




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

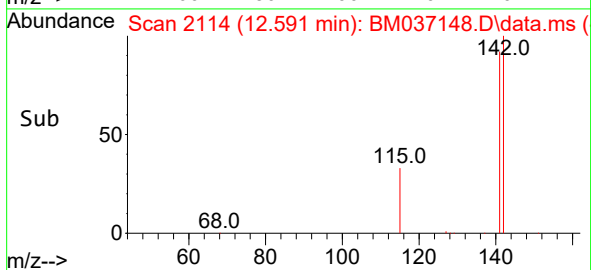
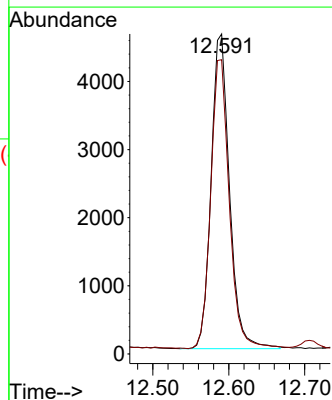
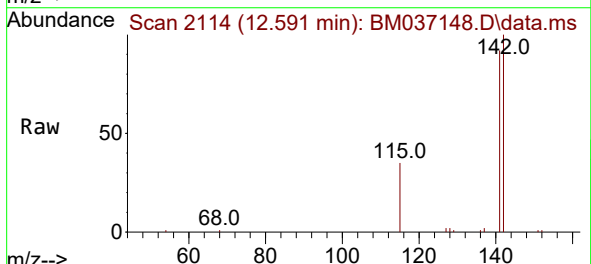
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

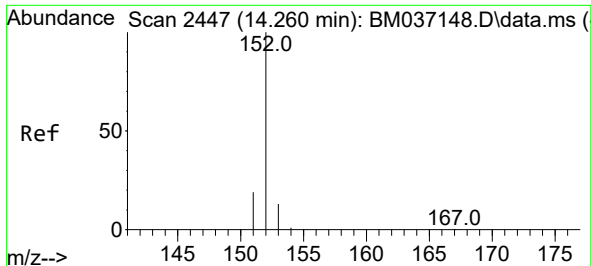
Tgt Ion:142 Resp: 7563
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.591 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:142 Resp: 7752
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4

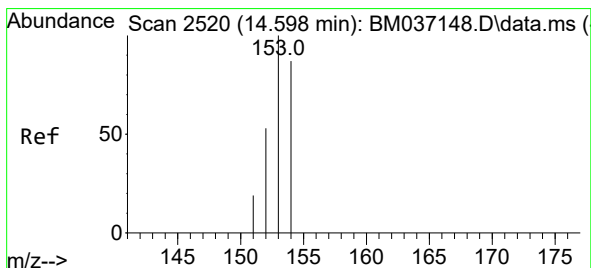
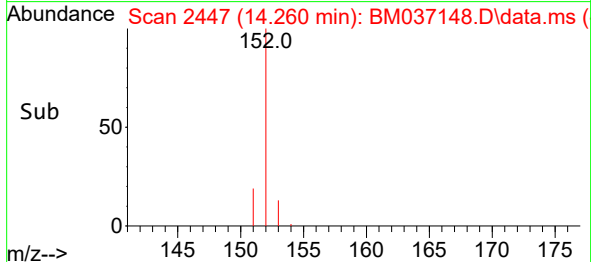
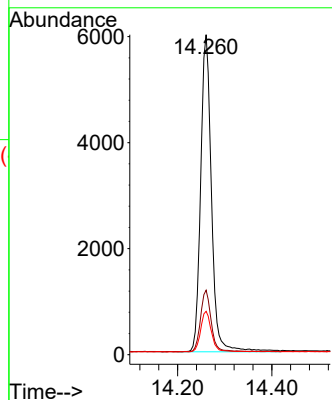
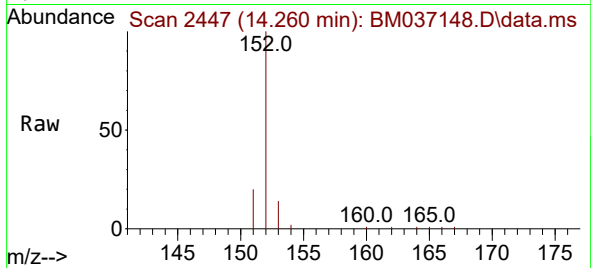




#10
Acenaphthylene
Concen: 0.419 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

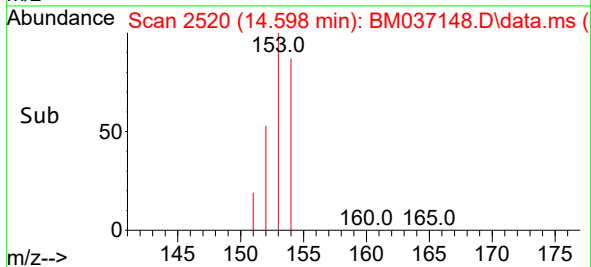
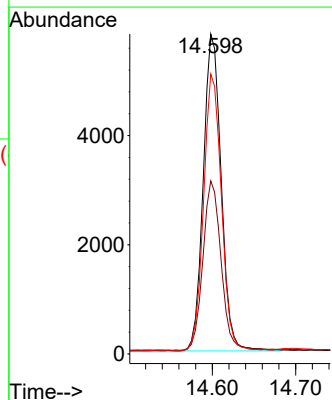
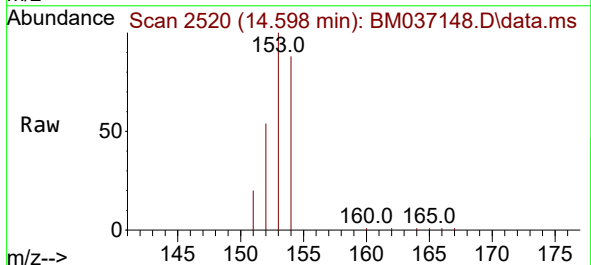
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ClientSampleId :
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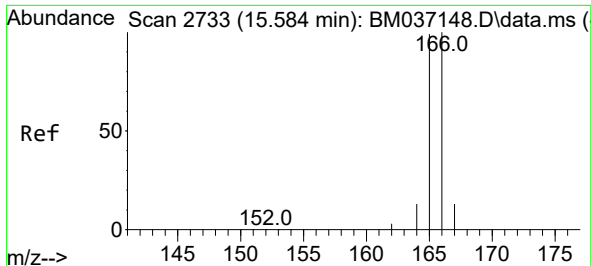
Tgt Ion:152 Resp: 9489
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.442 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:153 Resp: 8680
Ion Ratio Lower Upper
153 100
152 54.1 43.3 64.9
154 87.5 70.0 105.0

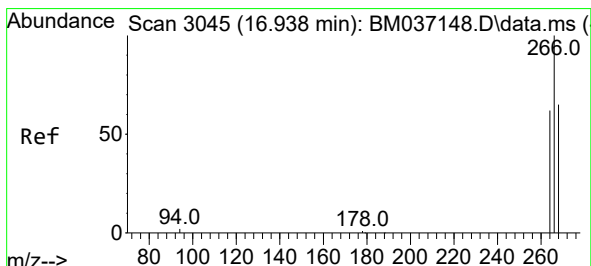
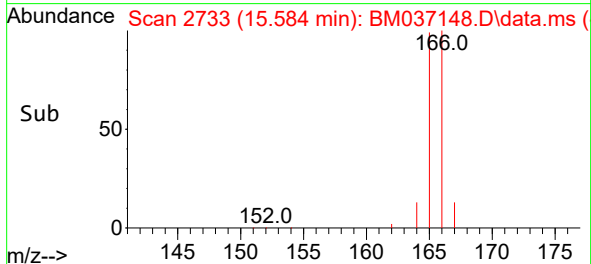
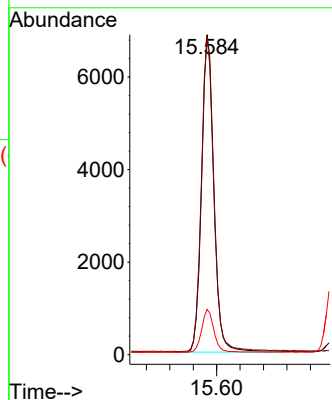
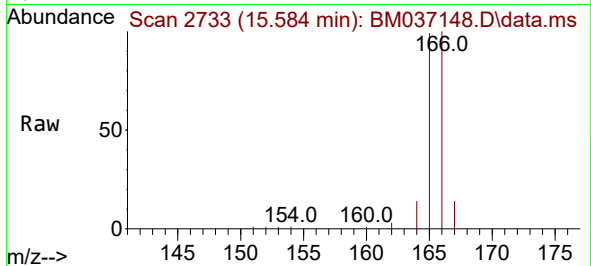




#12
Fluorene
Concen: 0.454 ng/ul
RT: 15.584 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

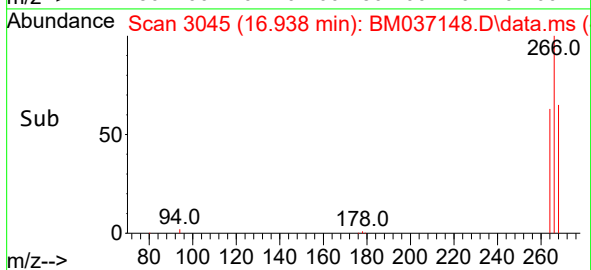
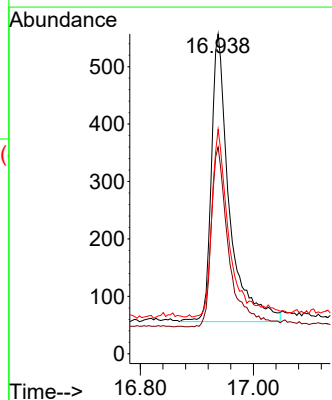
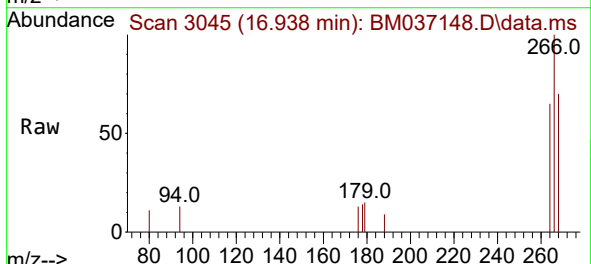
Instrument :
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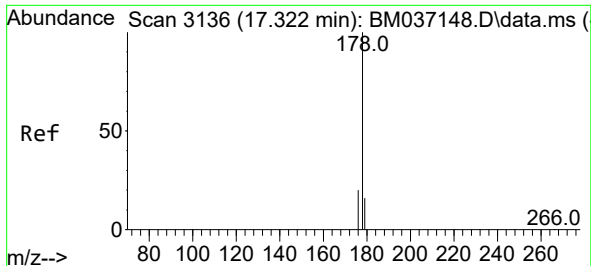
Tgt Ion:166 Resp: 10096
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.369 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:266 Resp: 1098
Ion Ratio Lower Upper
266 100
264 61.7 49.4 74.0
268 63.1 50.5 75.7

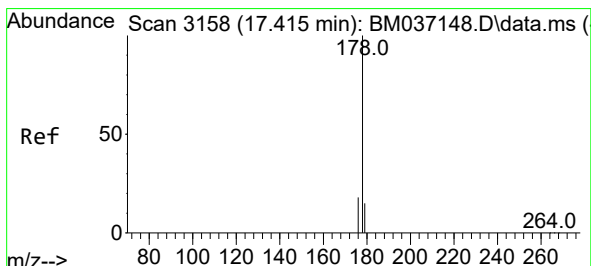
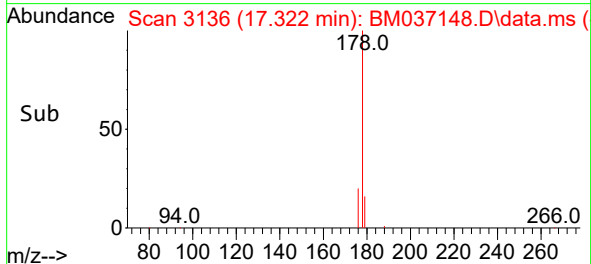
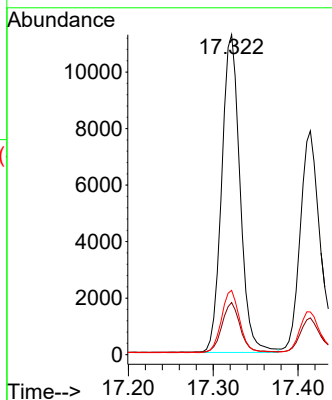
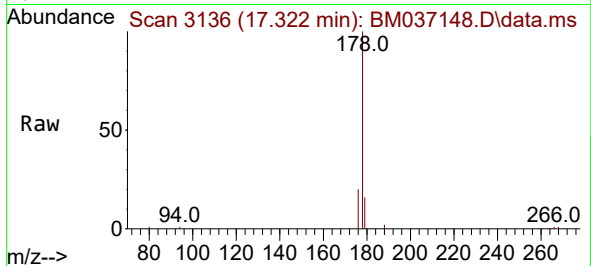




#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.322 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

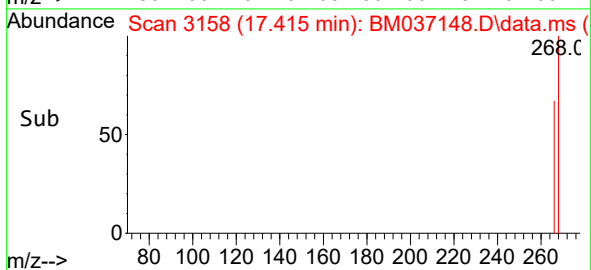
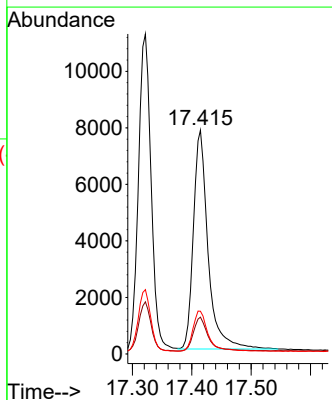
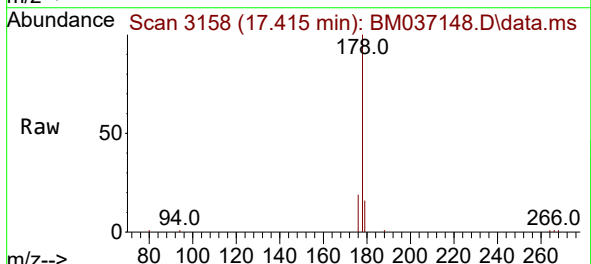
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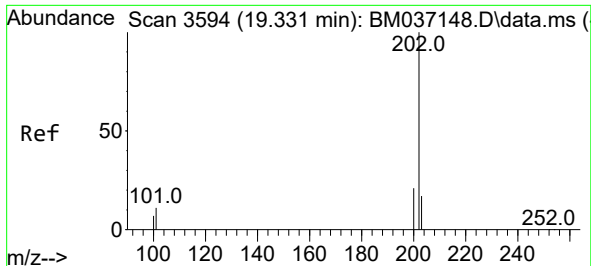
Tgt Ion:178 Resp: 16857
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.1 16.1 24.1



#16
Anthracene
Concen: 0.406 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:178 Resp: 13298
Ion Ratio Lower Upper
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179 16.4 13.1 19.7
176 19.1 15.3 22.9

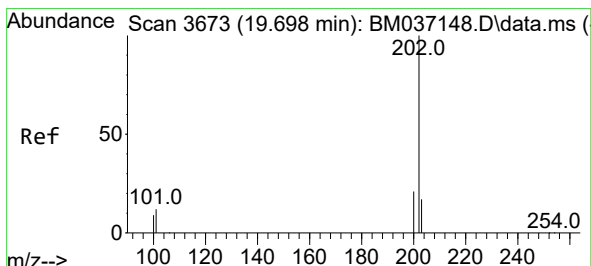
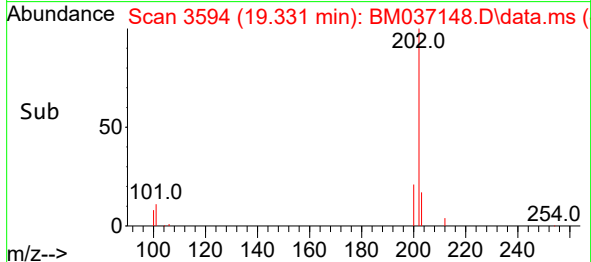
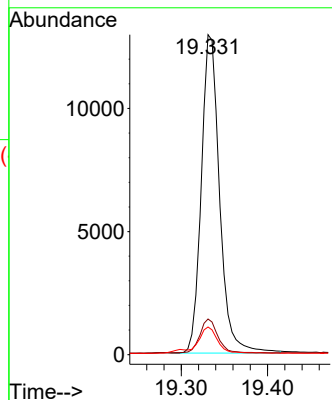
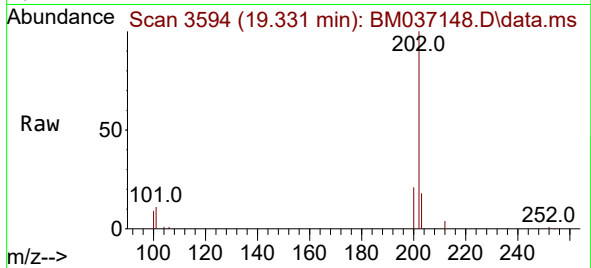




#19
Fluoranthene
Concen: 0.449 ng/ul
RT: 19.331 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

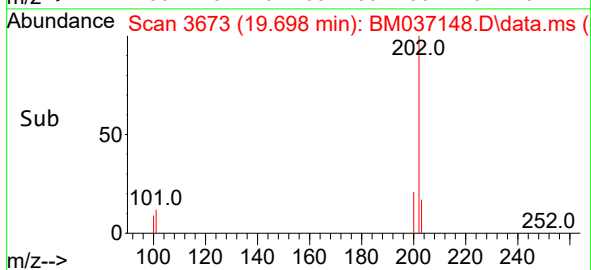
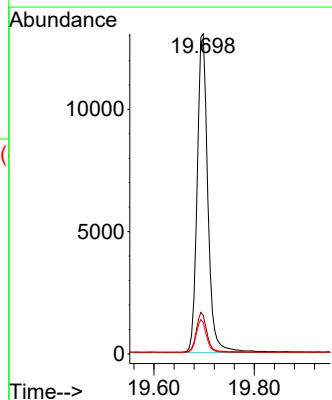
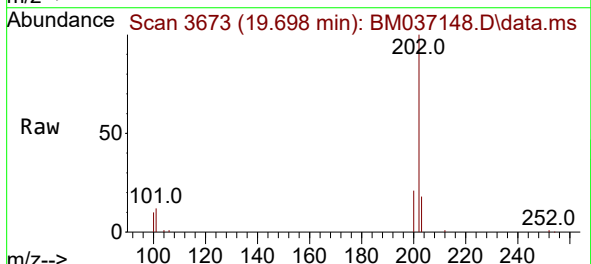
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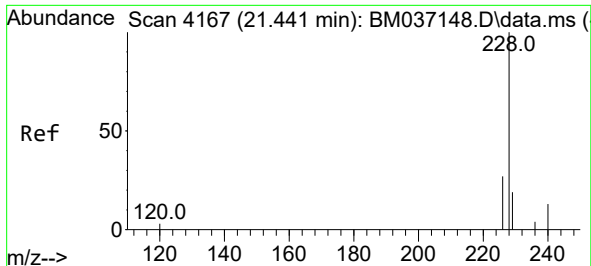
Tgt Ion:202 Resp: 19058
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.435 ng/ul
RT: 19.698 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:202 Resp: 19260
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.8 7.8 11.8

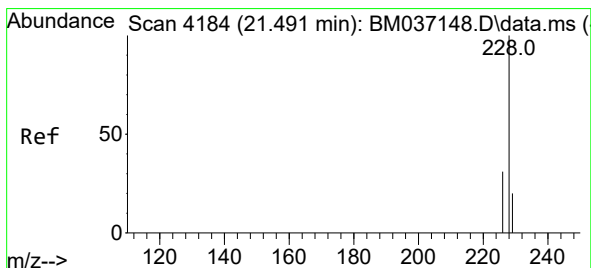
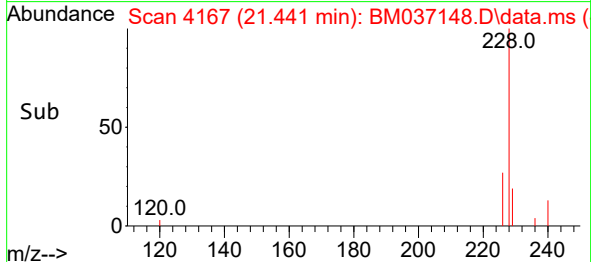
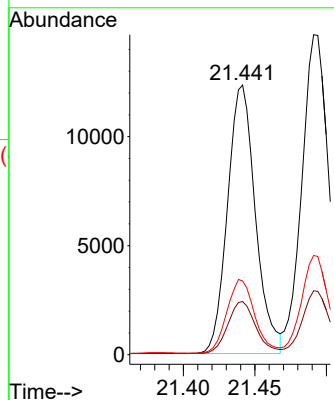
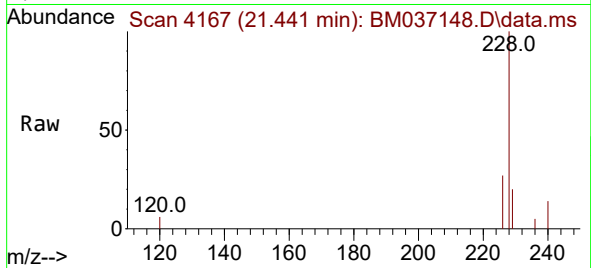




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

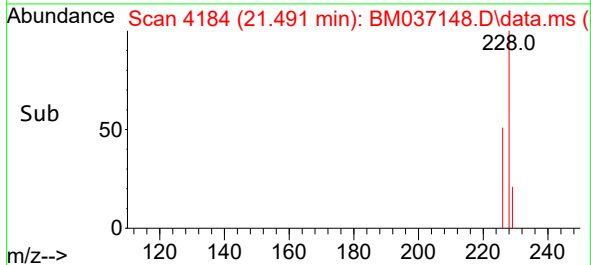
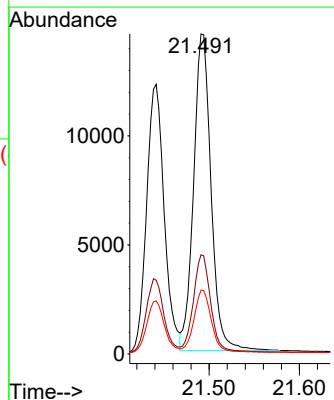
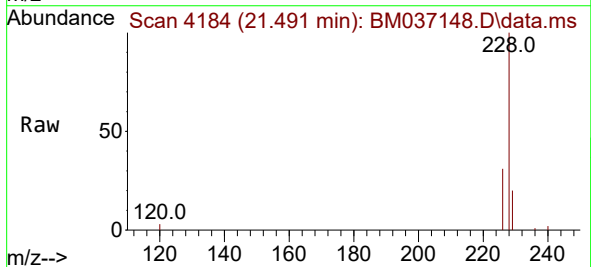
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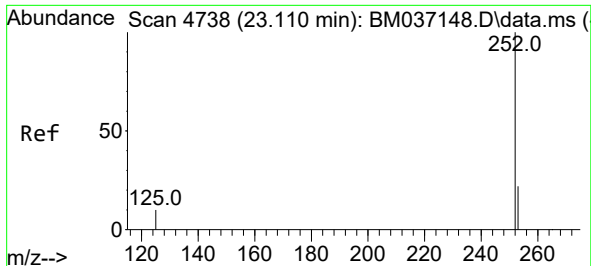
Tgt Ion:228 Resp: 16735
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 27.3 21.8 32.8



#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.491 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:228 Resp: 19469
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 20.0 16.0 24.0

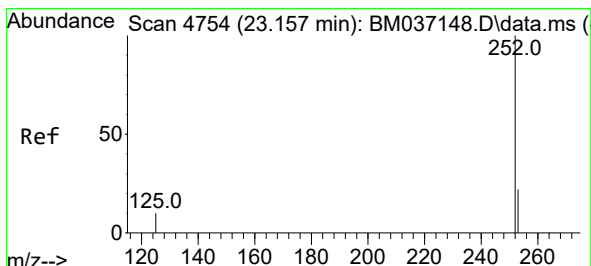
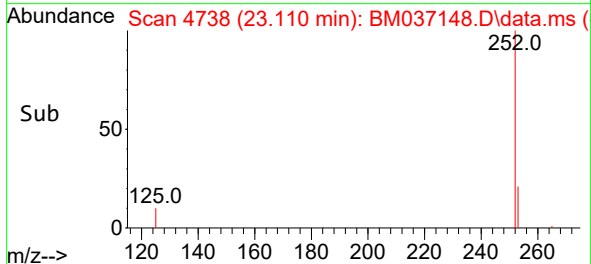
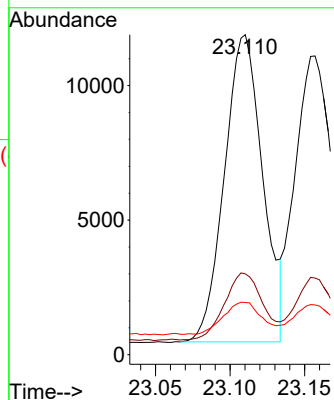
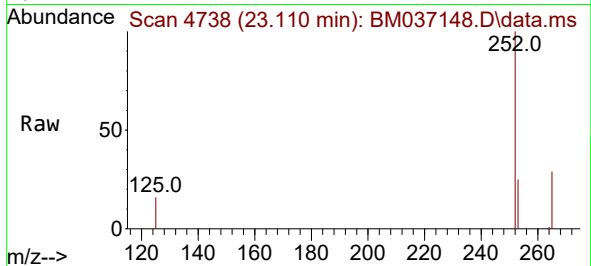




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.110 min Scan# 4738
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

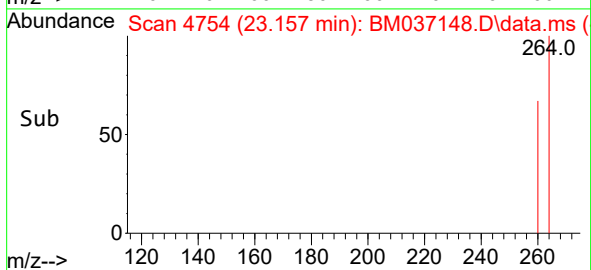
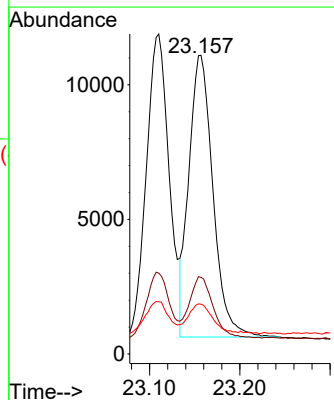
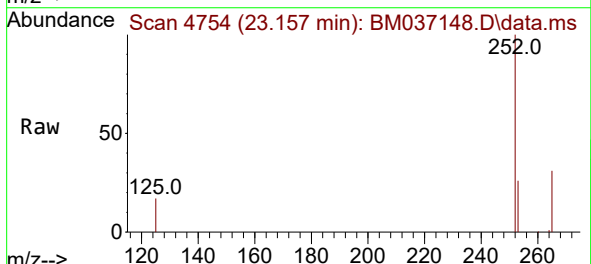
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

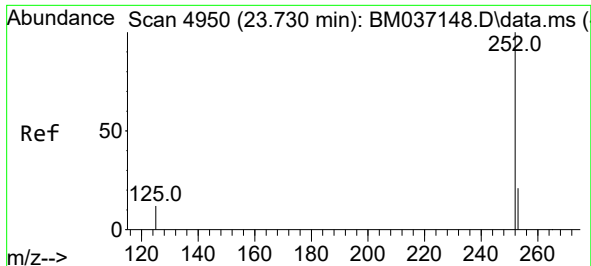
Tgt Ion:252 Resp: 20356
Ion Ratio Lower Upper
252 100
253 25.3 0.0 50.6
125 16.3 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:252 Resp: 19365
Ion Ratio Lower Upper
252 100
253 25.7 20.6 30.8
125 16.6 13.3 19.9

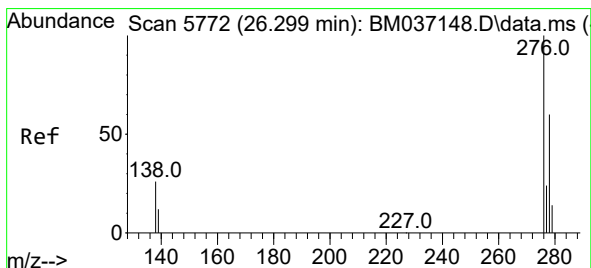
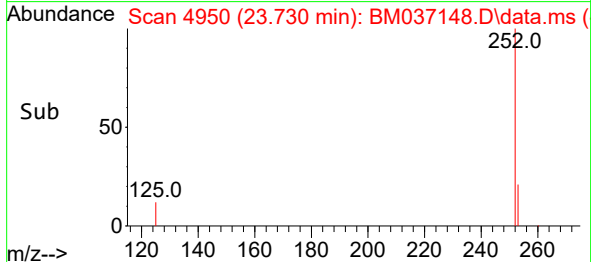
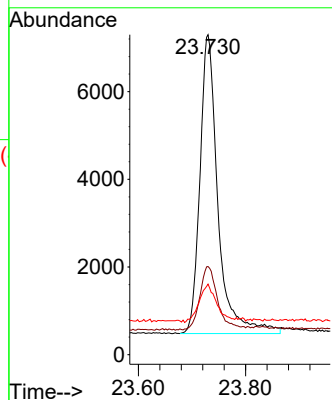
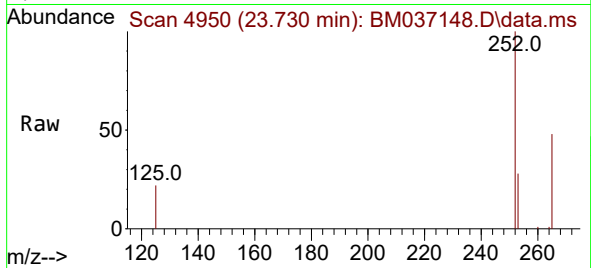




#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.730 min Scan# 4950
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

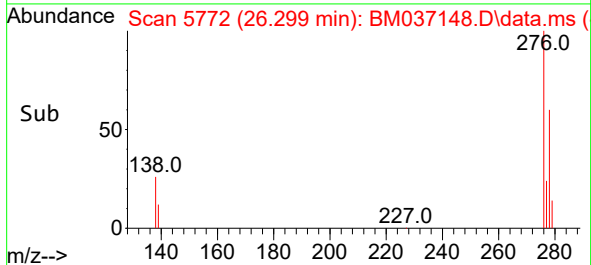
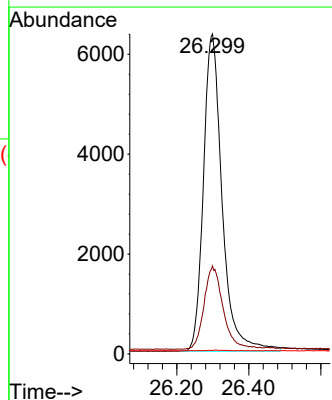
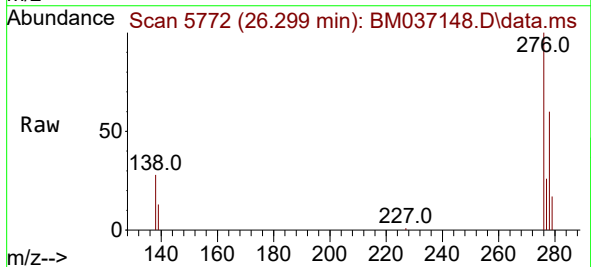
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

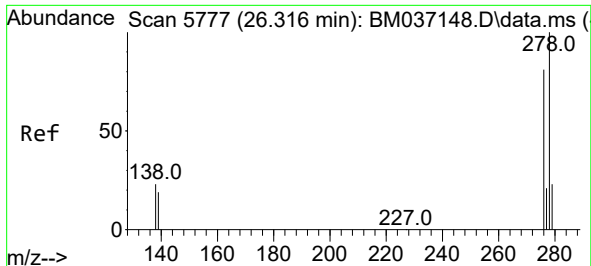
Tgt Ion:252 Resp: 15924
Ion Ratio Lower Upper
252 100
253 27.6 22.1 33.1
125 22.0 17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.473 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:276 Resp: 22893
Ion Ratio Lower Upper
276 100
138 26.7 21.4 32.0
227 0.1 0.1 0.1#

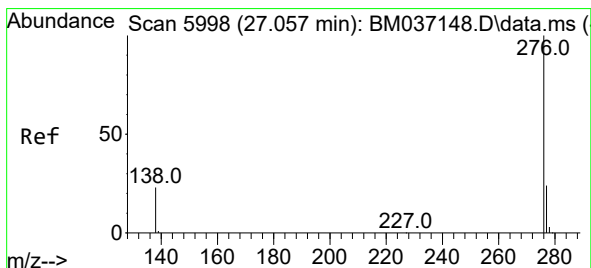
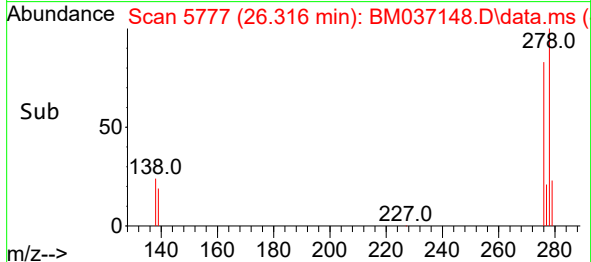
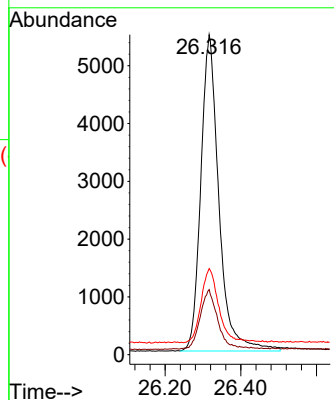
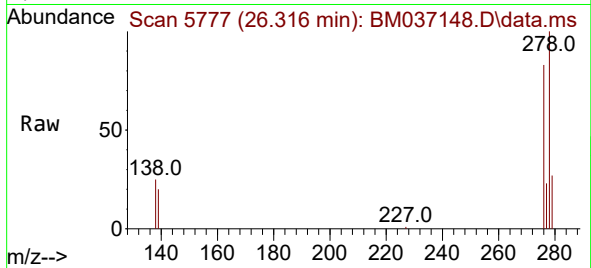




#28
Dibenzo(a,h)anthracene
Concen: 0.464 ng/ul
RT: 26.316 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

Tgt Ion:278 Resp: 18143
Ion Ratio Lower Upper
278 100
139 20.4 16.3 24.5
279 26.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. 0.000 min
Lab File: BM037148.D
Acq: 19 Oct 2022 12:18

Tgt Ion:276 Resp: 20466
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.8
277 25.1 20.1 30.1

