

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045104.D
 Acq On : 10 Apr 2024 18:00
 Operator : MA/JU
 Sample : P1973-11MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSS0MSD

Quant Time: Apr 10 19:18:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

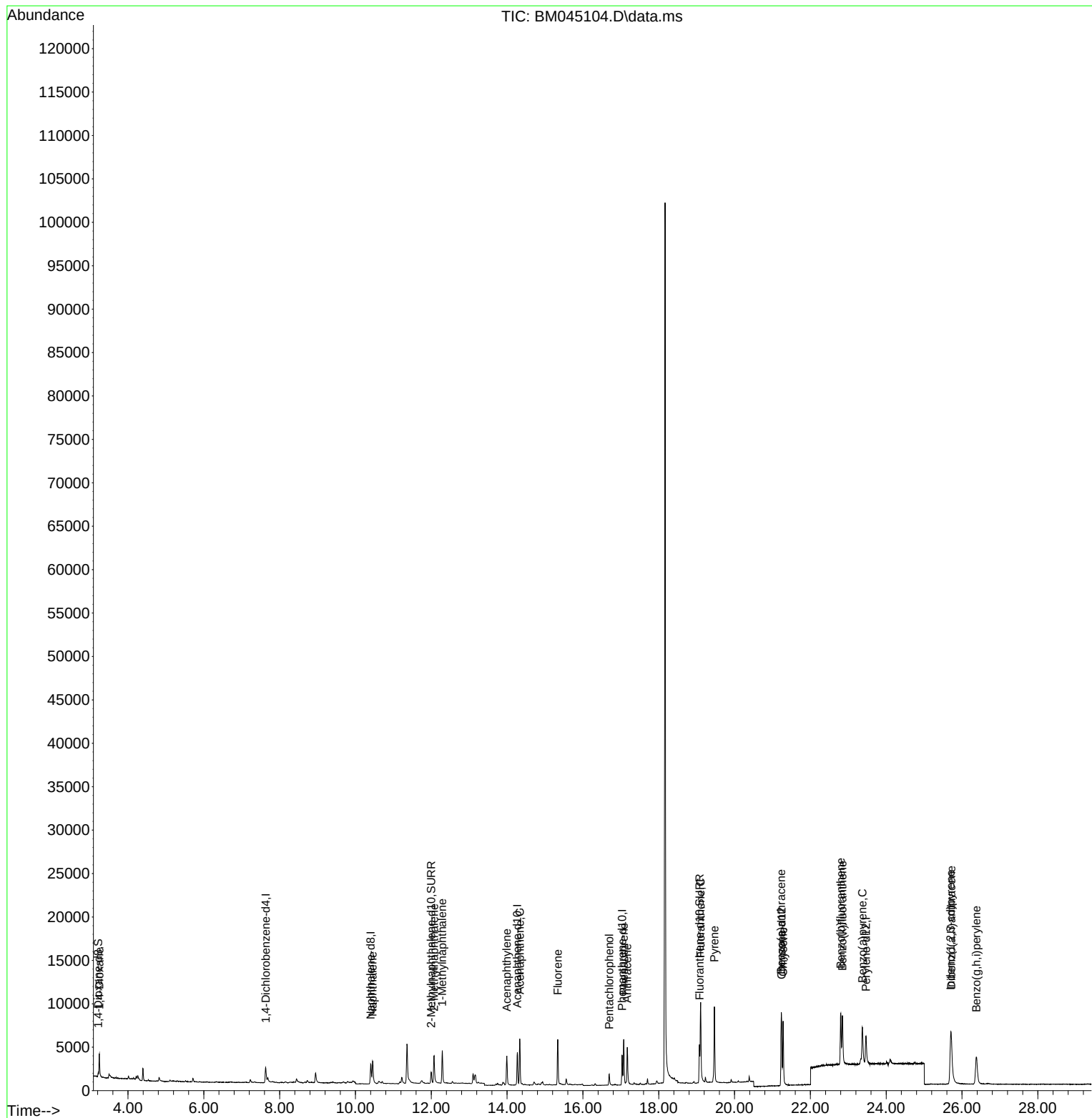
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	1278	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.402	136	4024	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.270	164	2208	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.035	188	4708	0.400	ng/ul	-0.02
17) Chrysene-d12	21.243	240	4181	0.400	ng/ul	-0.01
23) Perylene-d12	23.464	264	4877	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	354	0.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	2152	0.395	ng/ul	-0.03
18) Fluoranthene-d10	19.075	212	5610	0.531	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	1864	1.158	ng/ul#	82
5) Naphthalene	10.452	128	4378	0.410	ng/ul	98
7) 2-Methylnaphthalene	12.074	142	2762	0.433	ng/ul	99
8) 1-Methylnaphthalene	12.288	142	2901	0.417	ng/ul	98
10) Acenaphthylene	13.992	152	4524	0.411	ng/ul	99
11) Acenaphthene	14.335	153	3375	0.428	ng/ul	98
12) Fluorene	15.334	166	3788	0.428	ng/ul	98
14) Pentachlorophenol	16.693	266	998	0.904	ng/ul	96
15) Phenanthrene	17.077	178	6079	0.459	ng/ul	100
16) Anthracene	17.170	178	5820	0.446	ng/ul	99
19) Fluoranthene	19.103	202	8065	0.540	ng/ul#	80
20) Pyrene	19.466	202	8348	0.529	ng/ul	95
21) Benzo(a)anthracene	21.228	228	7076	0.486	ng/ul	98
22) Chrysene	21.281	228	7796	0.429	ng/ul	99
24) Benzo(b)fluoranthene	22.800	252	7884	0.448	ng/ul	91
25) Benzo(k)fluoranthene	22.844	252	8318	0.422	ng/ul#	89
26) Benzo(a)pyrene	23.370	252	7320	0.435	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.699	276	9700	0.421	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.716	278	7707	0.422	ng/ul	93
29) Benzo(g,h,i)perylene	26.376	276	8128	0.409	ng/ul	95

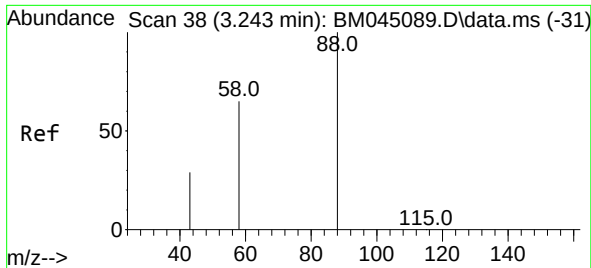
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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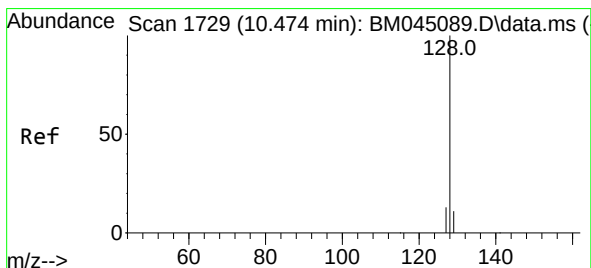
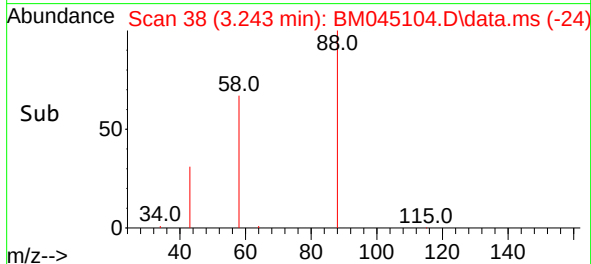
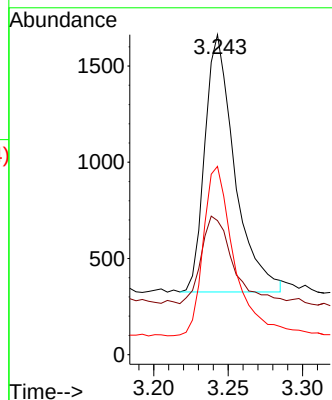
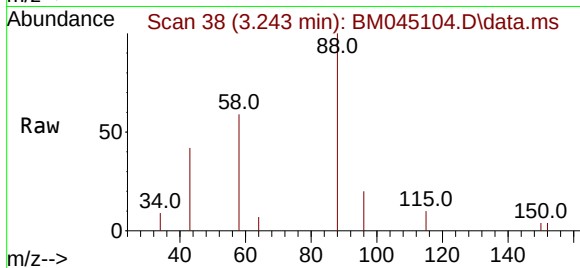




#2
1,4-Dioxane
Concen: 1.158 ng/ul
RT: 3.243 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

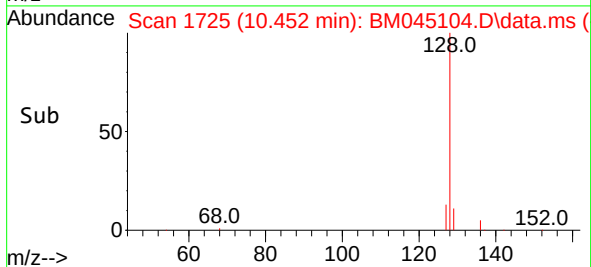
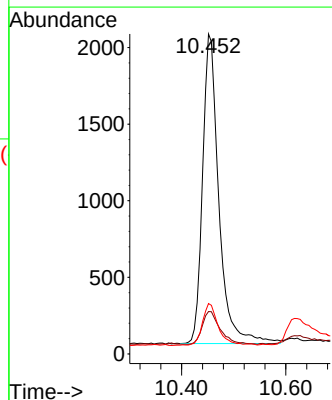
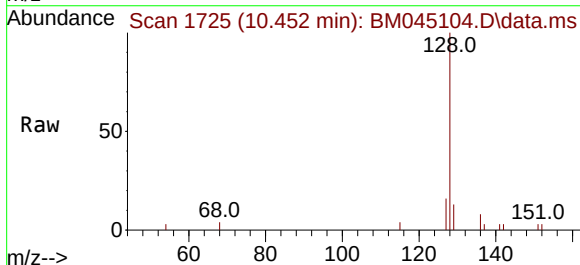
Instrument :
BNA_M
ClientSampleId :
YC550MSD

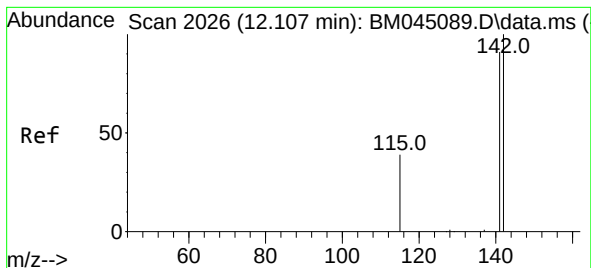
Tgt Ion: 88 Resp: 1864
Ion Ratio Lower Upper
88 100
43 41.9 30.6 46.0
58 58.9 32.6 48.8#



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.452 min Scan# 1725
Delta R.T. -0.022 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion: 128 Resp: 4378
Ion Ratio Lower Upper
128 100
129 13.3 11.3 16.9
127 15.7 11.9 17.9

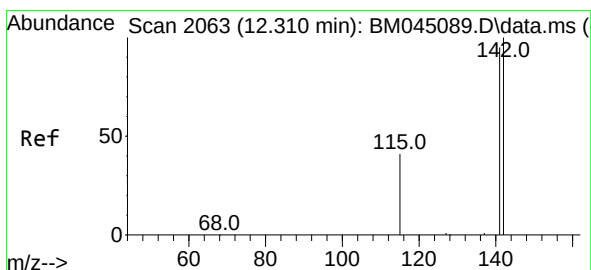
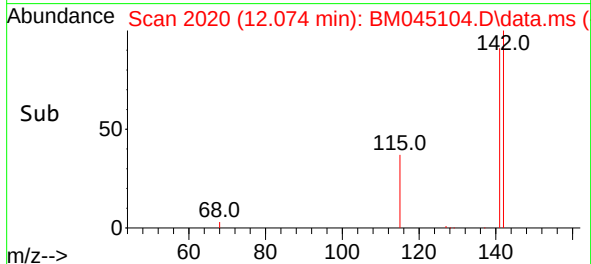
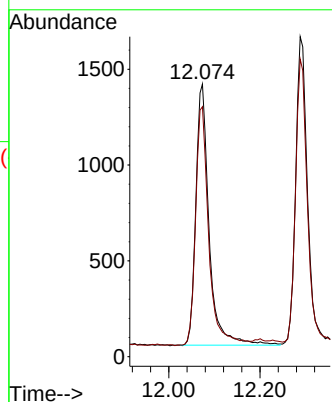
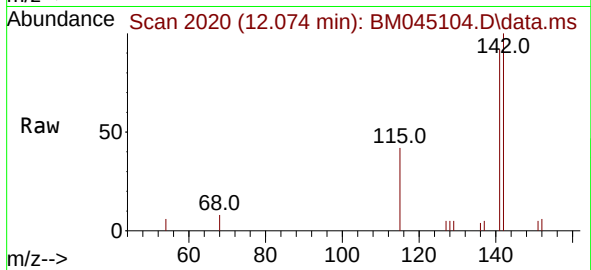




#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.074 min Scan# 2020
Delta R.T. -0.033 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

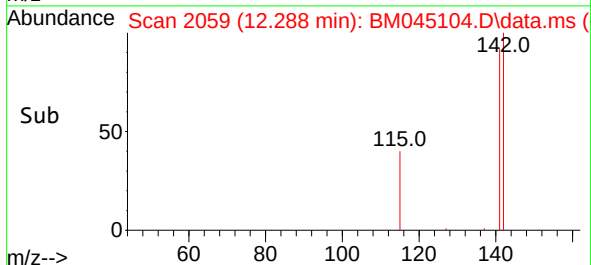
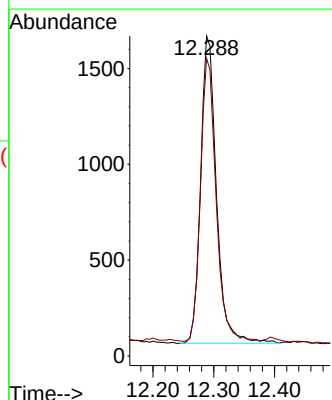
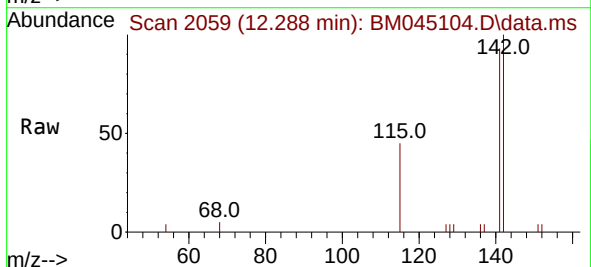
Instrument :
BNA_M
ClientSampleId :
YC550MSD

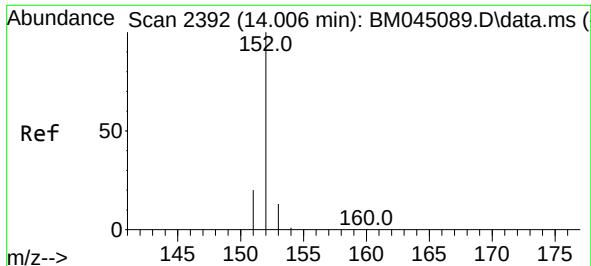
Tgt Ion:142 Resp: 2762
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.288 min Scan# 2059
Delta R.T. -0.022 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:142 Resp: 2901
Ion Ratio Lower Upper
142 100
141 90.5 74.2 111.2

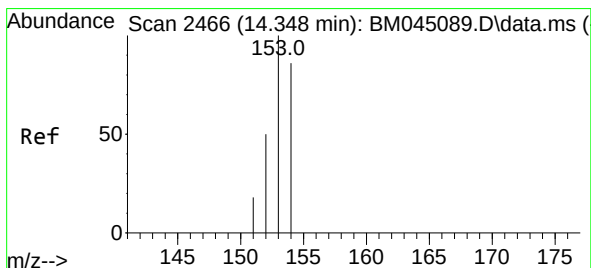
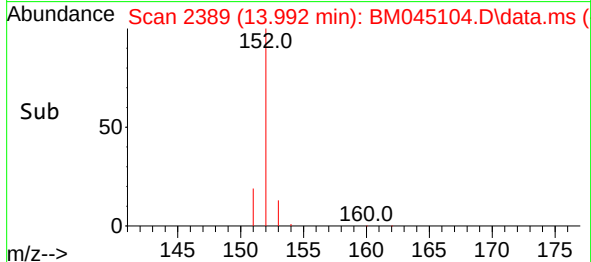
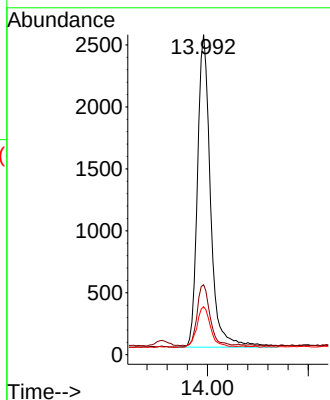
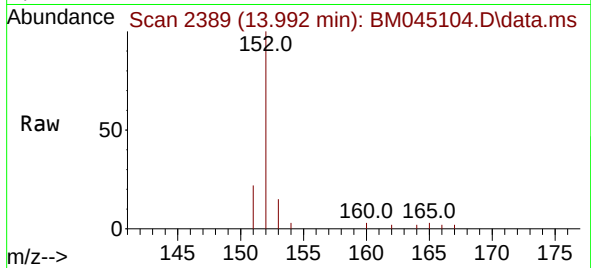




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 13.992 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

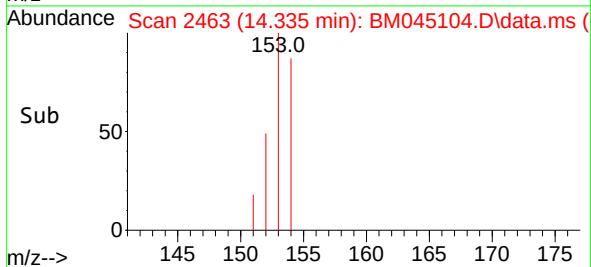
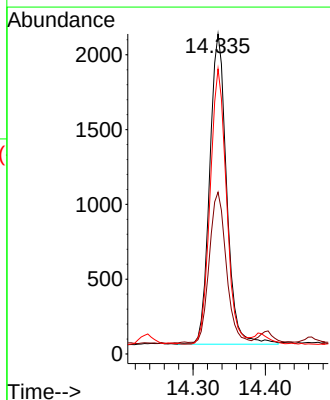
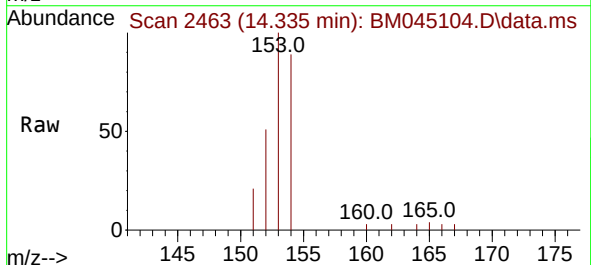
Instrument :
BNA_M
ClientSampleId :
YCSS0MSD

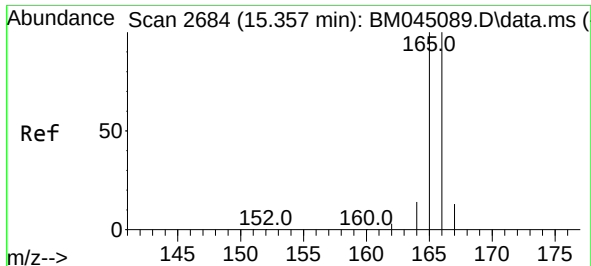
Tgt Ion:	152	Resp:	4524
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.0	25.4
153	15.0	11.9	17.9



#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.335 min Scan# 2463
Delta R.T. -0.014 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:	153	Resp:	3375
Ion Ratio	Lower	Upper	
153	100		
152	50.5	41.2	61.8
154	89.1	69.4	104.0

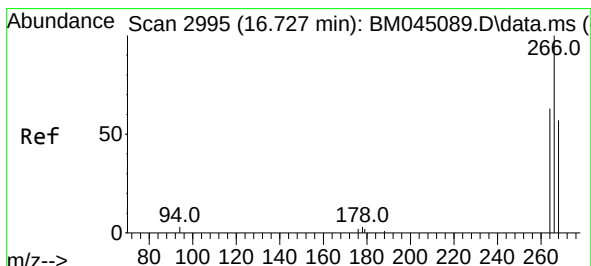
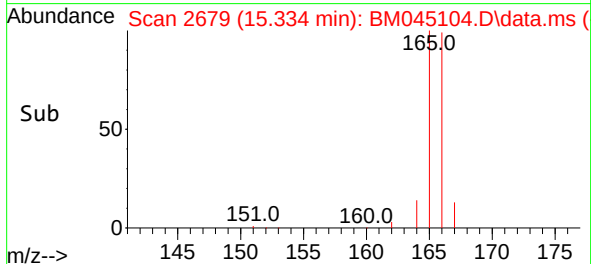
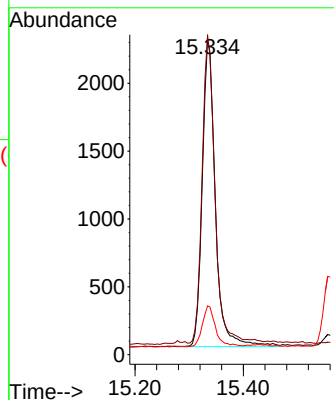
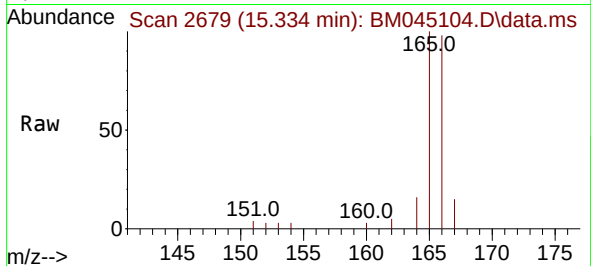




#12
 Fluorene
 Concen: 0.428 ng/ul
 RT: 15.334 min Scan# 2
 Delta R.T. -0.023 min
 Lab File: BM045104.D
 Acq: 10 Apr 2024 18:00

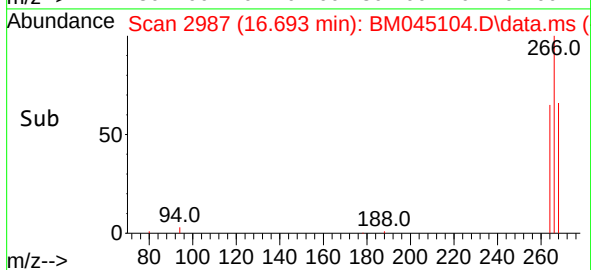
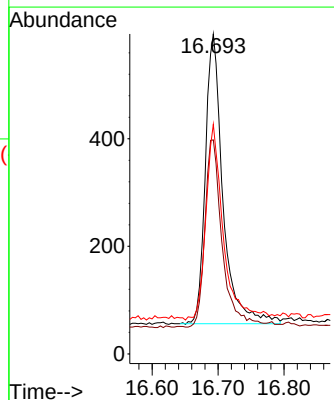
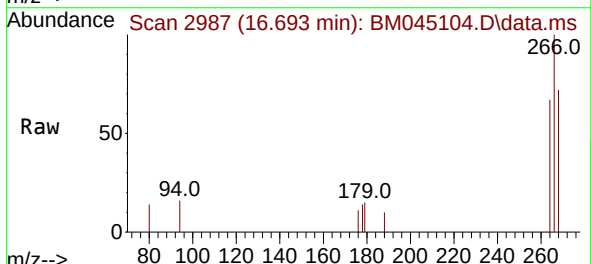
Instrument :
 BNA_M
 ClientSampleId :
 YCSS0MSD

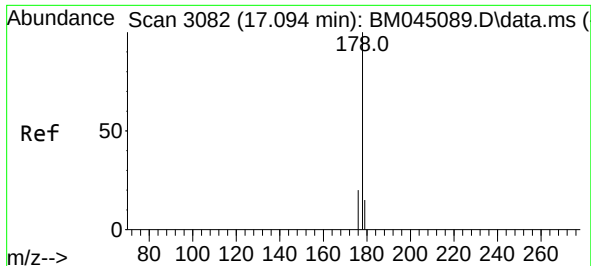
Tgt Ion:166 Resp: 3788
 Ion Ratio Lower Upper
 166 100
 165 101.8 79.9 119.9
 167 15.5 12.2 18.2



#14
 Pentachlorophenol
 Concen: 0.904 ng/ul
 RT: 16.693 min Scan# 2987
 Delta R.T. -0.034 min
 Lab File: BM045104.D
 Acq: 10 Apr 2024 18:00

Tgt Ion:266 Resp: 998
 Ion Ratio Lower Upper
 266 100
 264 64.5 48.3 72.5
 268 68.0 52.6 79.0

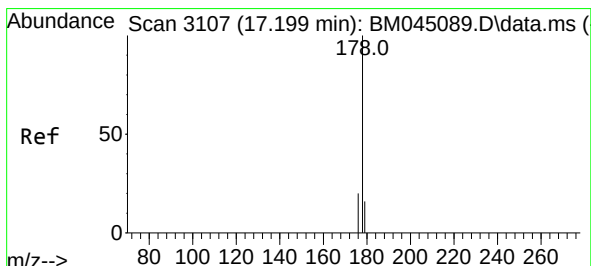
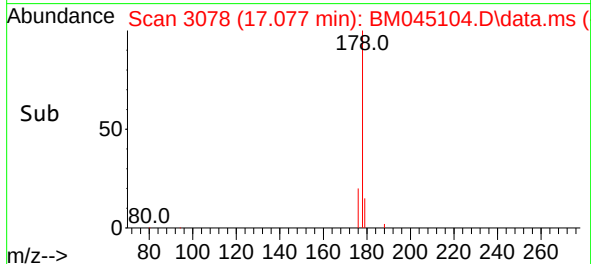
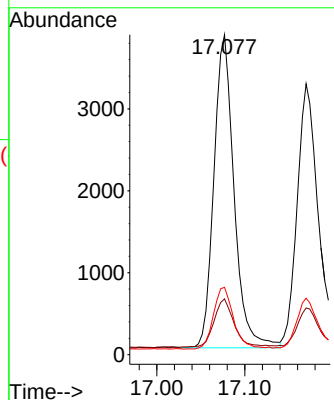
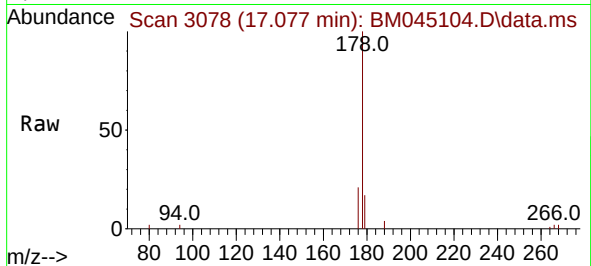




#15
Phenanthrene
Concen: 0.459 ng/ul
RT: 17.077 min Scan# 3082
Delta R.T. -0.017 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

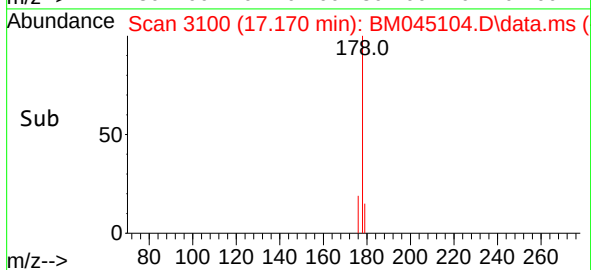
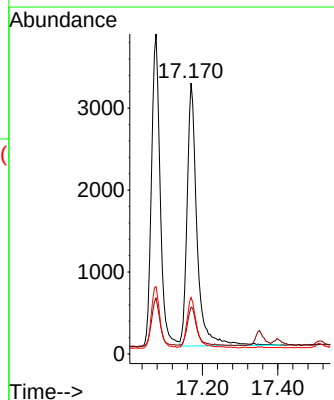
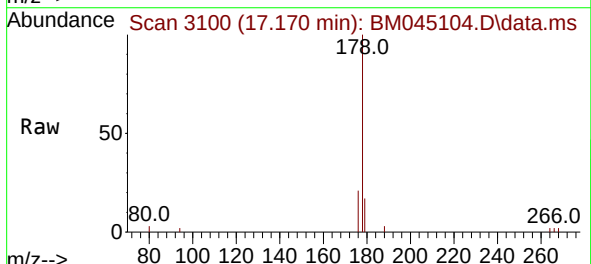
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ClientSampleId :
YCSS0MSD

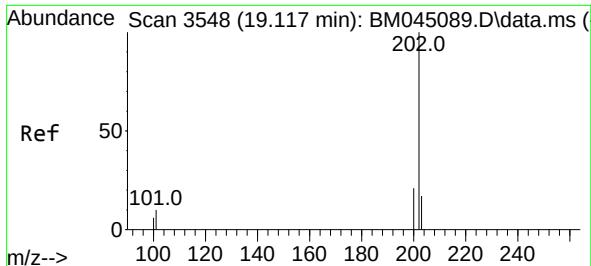
Tgt Ion:178 Resp: 6079
Ion Ratio Lower Upper
178 100
179 17.4 13.7 20.5
176 21.1 17.0 25.4



#16
Anthracene
Concen: 0.446 ng/ul
RT: 17.170 min Scan# 3100
Delta R.T. -0.030 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:178 Resp: 5820
Ion Ratio Lower Upper
178 100
179 17.2 13.8 20.8
176 20.8 16.2 24.4

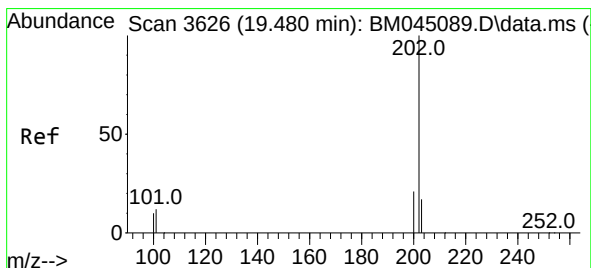
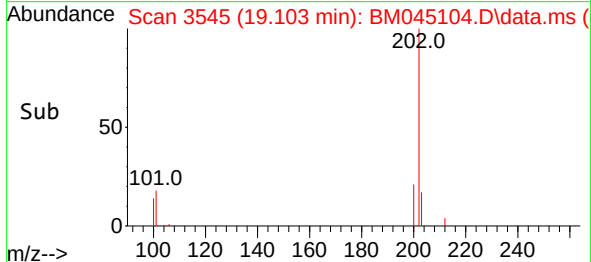
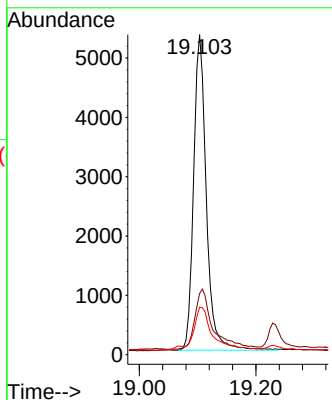
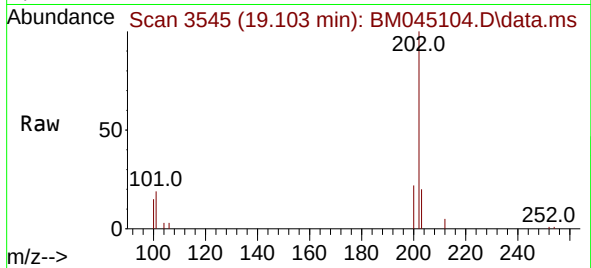




#19
Fluoranthene
Concen: 0.540 ng/ul
RT: 19.103 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

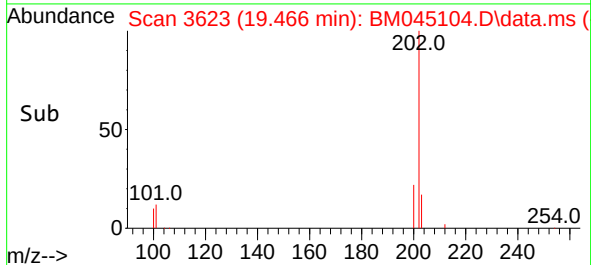
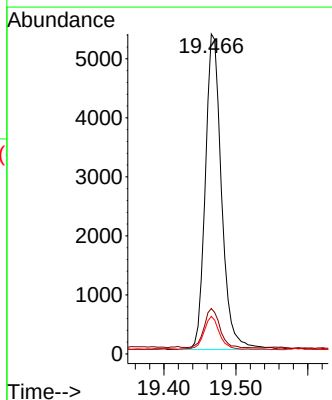
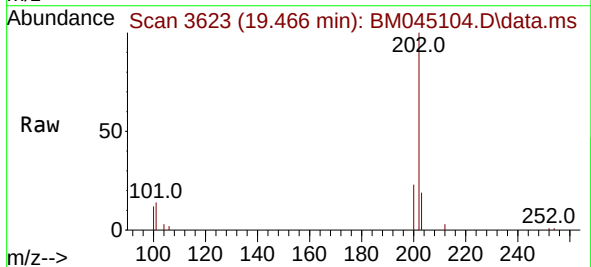
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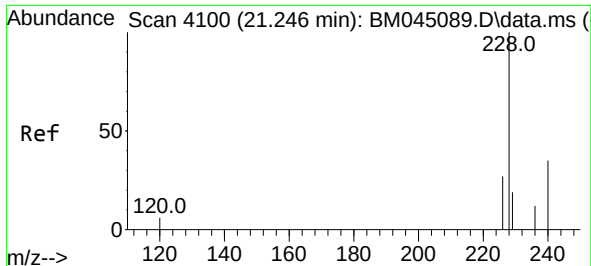
Tgt Ion:202 Resp: 8065
Ion Ratio Lower Upper
202 100
101 19.1 8.8 13.2#
100 14.9 7.0 10.4#



#20
Pyrene
Concen: 0.529 ng/ul
RT: 19.466 min Scan# 3623
Delta R.T. -0.014 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:202 Resp: 8348
Ion Ratio Lower Upper
202 100
101 14.2 9.8 14.6
100 11.7 8.1 12.1

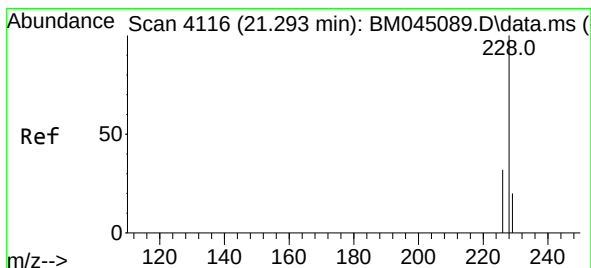
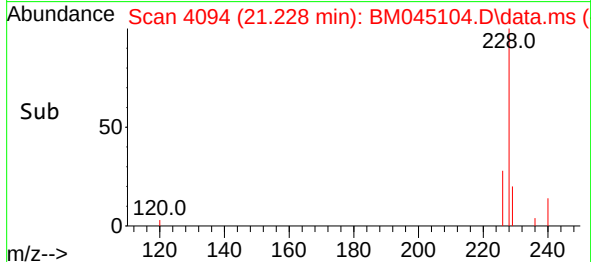
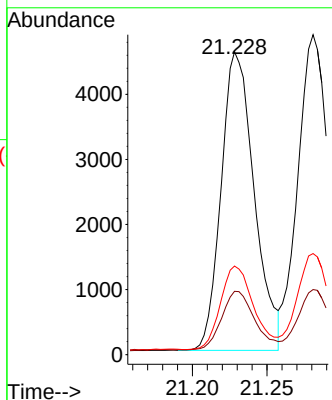
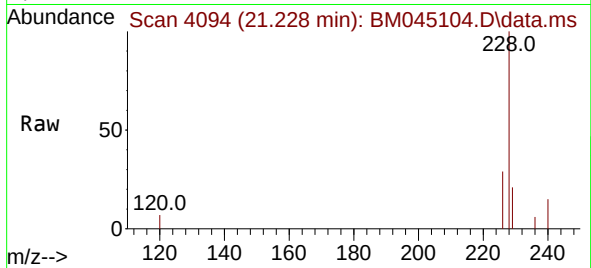




#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.228 min Scan# 4100
Delta R.T. -0.018 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

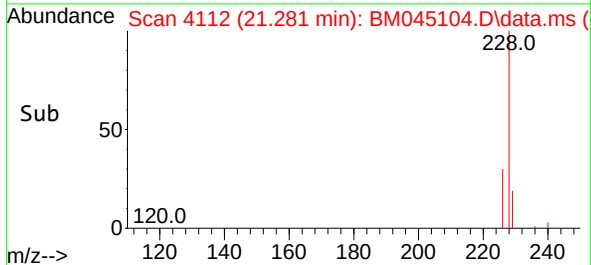
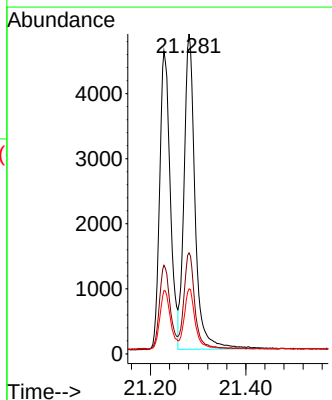
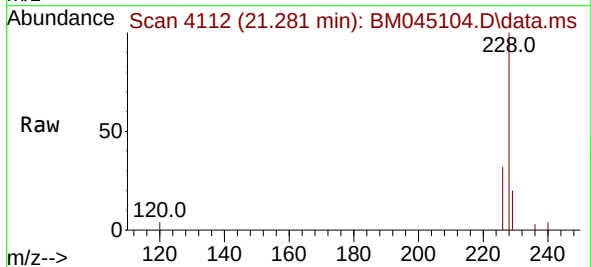
Instrument :
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ClientSampleId :
YC550MSD

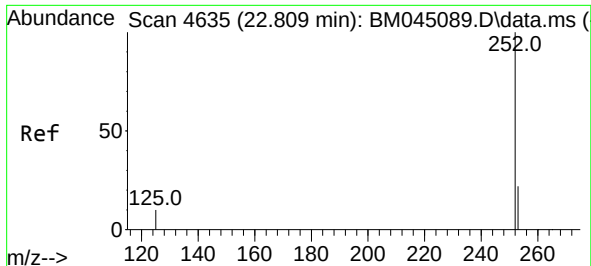
Tgt Ion:228 Resp: 7076
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 29.3 22.3 33.5



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.281 min Scan# 4112
Delta R.T. -0.012 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:228 Resp: 7796
Ion Ratio Lower Upper
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226 31.6 24.9 37.3
229 20.4 15.9 23.9

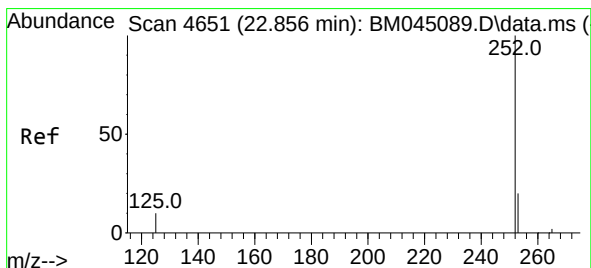
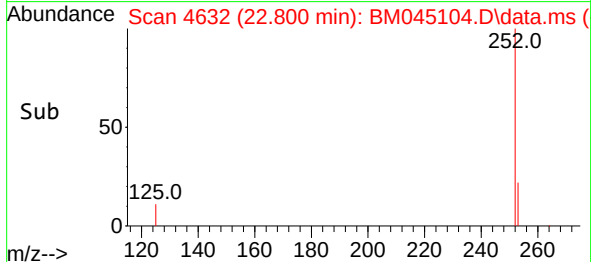
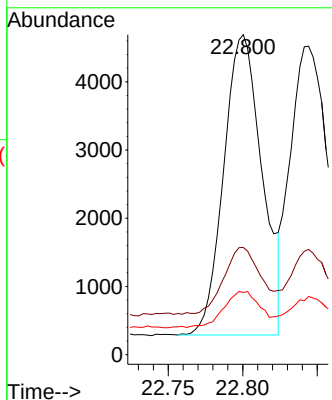
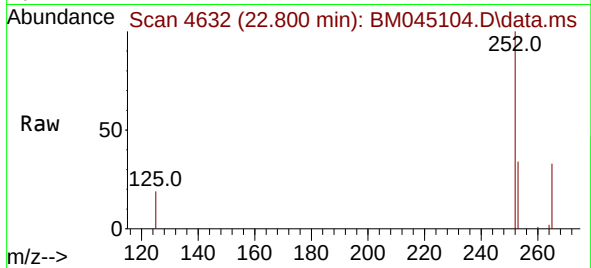




#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 22.800 min Scan# 4635
Delta R.T. -0.009 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

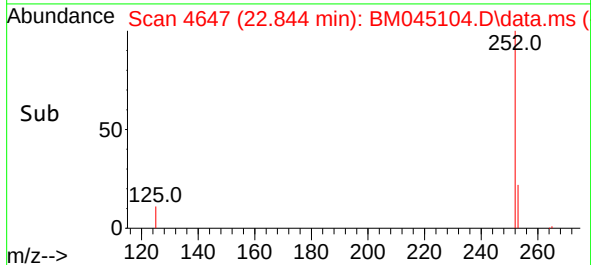
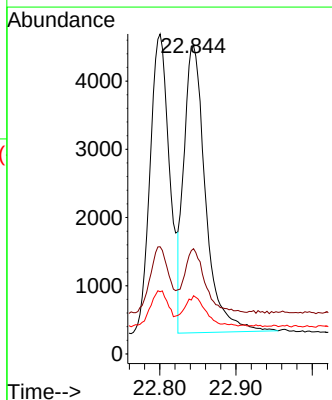
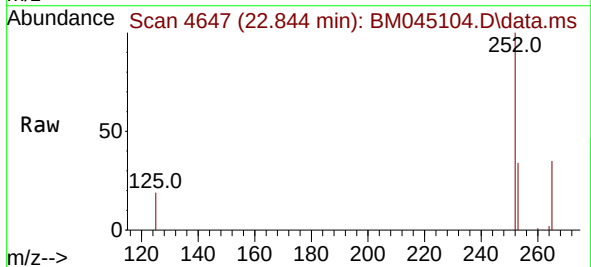
Instrument :
BNA_M
ClientSampleId :
YC550MSD

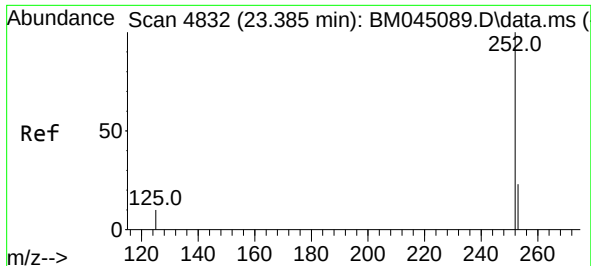
Tgt Ion:252 Resp: 7884
Ion Ratio Lower Upper
252 100
253 33.5 0.0 56.4
125 19.5 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 22.844 min Scan# 4647
Delta R.T. -0.012 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:252 Resp: 8318
Ion Ratio Lower Upper
252 100
253 34.1 22.3 33.5#
125 18.9 11.6 17.4#

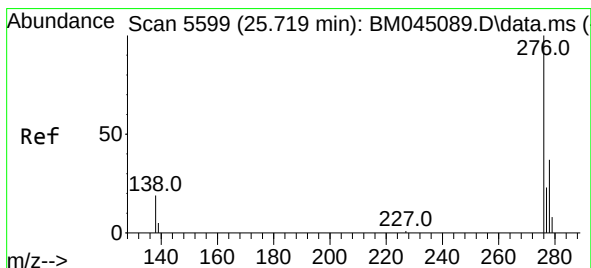
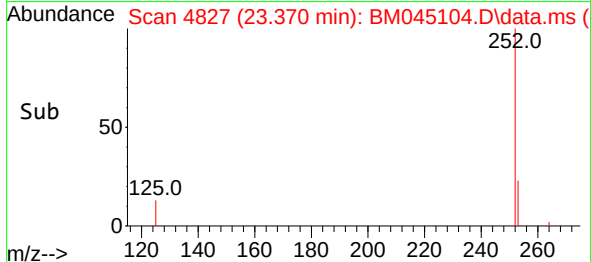
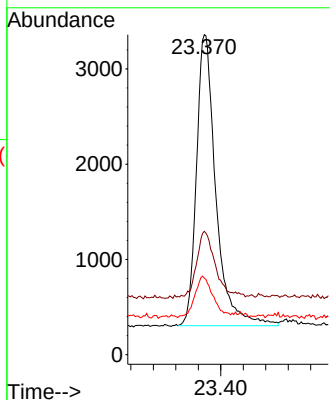
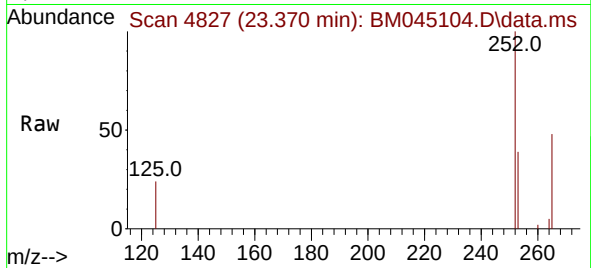




#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.370 min Scan# 4827
Delta R.T. -0.015 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

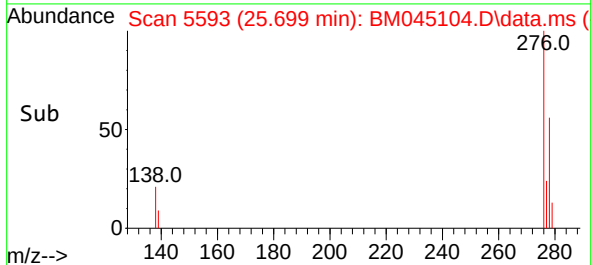
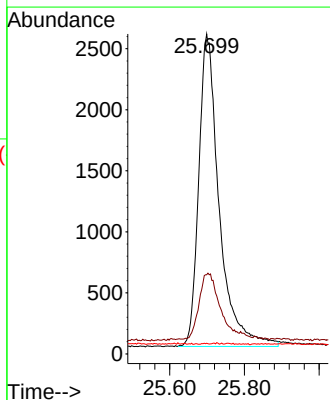
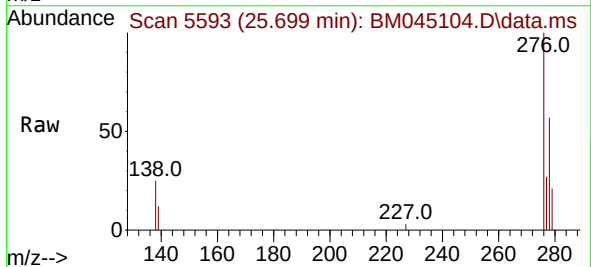
Instrument :
BNA_M
ClientSampleId :
YC550MSD

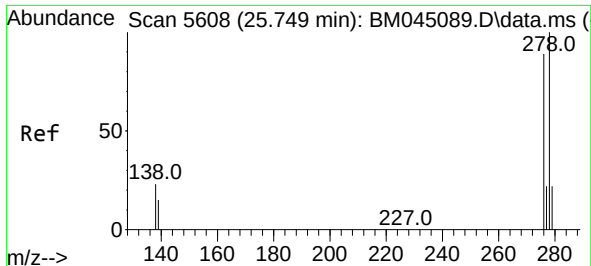
Tgt Ion:252 Resp: 7320
Ion Ratio Lower Upper
252 100
253 38.5 24.6 37.0#
125 23.9 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.699 min Scan# 5593
Delta R.T. -0.020 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:276 Resp: 9700
Ion Ratio Lower Upper
276 100
138 22.3 0.0 0.0#
227 0.1 0.1 0.1

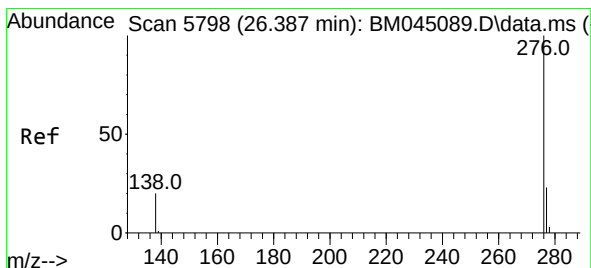
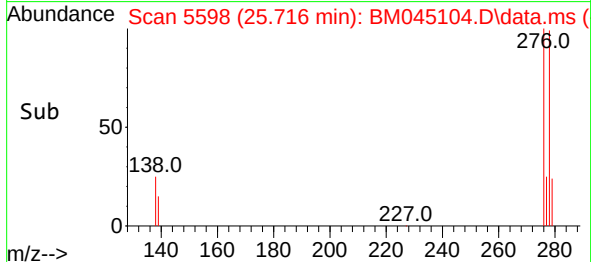
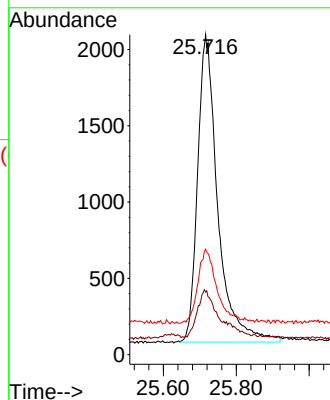
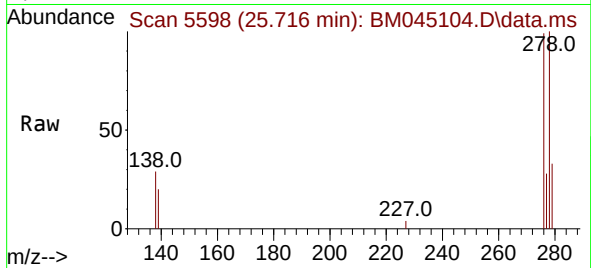




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 25.716 min Scan# 51
Delta R.T. -0.034 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Instrument :
BNA_M
ClientSampleId :
YCSS0MSD

Tgt Ion:278 Resp: 7707
Ion Ratio Lower Upper
278 100
139 19.6 13.6 20.4
279 33.0 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BM045104.D
Acq: 10 Apr 2024 18:00

Tgt Ion:276 Resp: 8128
Ion Ratio Lower Upper
276 100
138 24.2 16.8 25.2
277 26.9 20.3 30.5

