

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044172.D
 Acq On : 17 Feb 2024 12:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4190

Quant Time: Feb 18 23:56:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

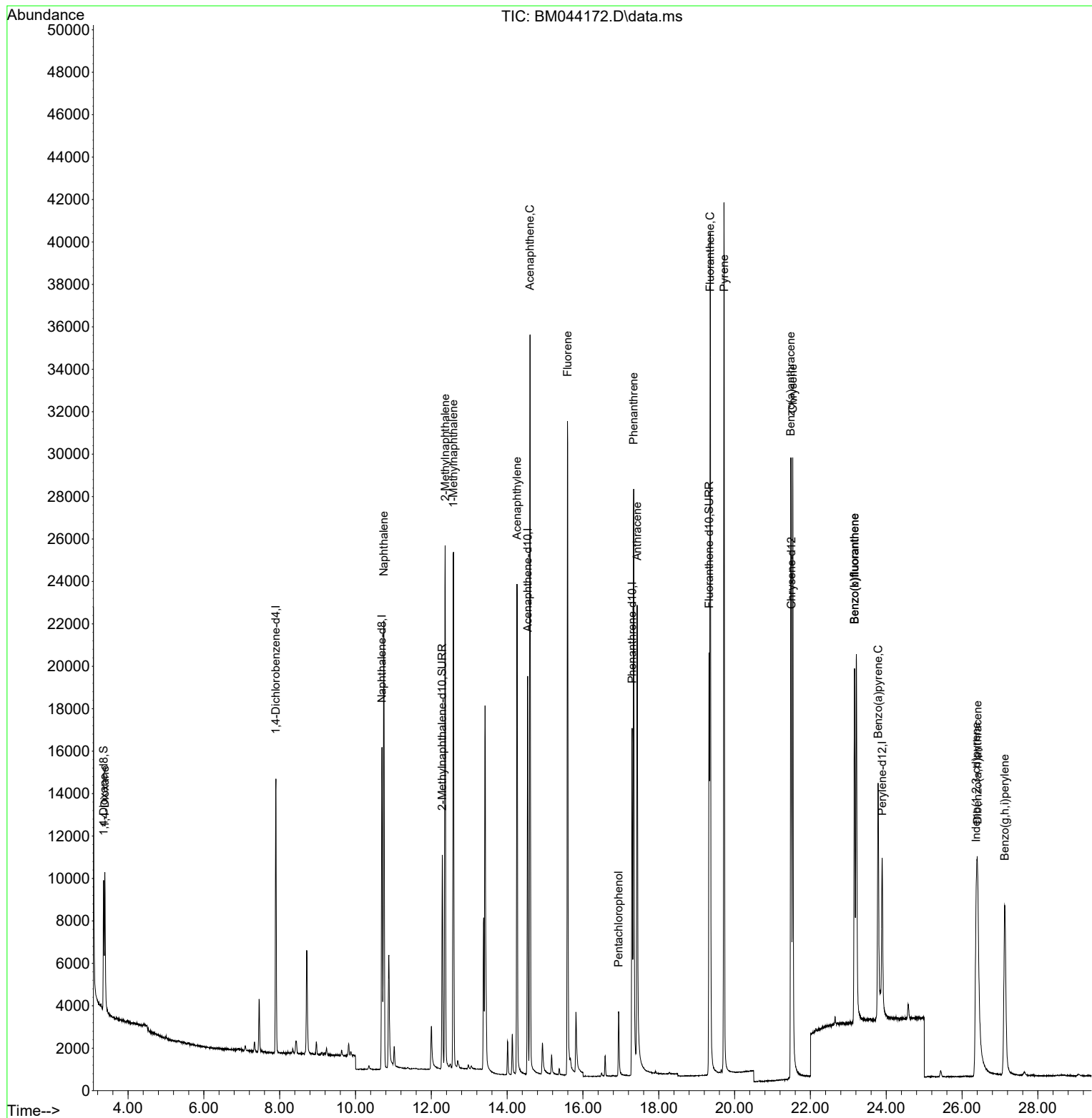
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6618	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	20944	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	10660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22252	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	12831	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	11588	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	4446	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	13652	0.466	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	23492	0.614	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	4298	0.459	ng/ul#	89
5) Naphthalene	10.748	128	28917	0.465	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	17975	0.468	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	18161	0.468	ng/ul	100
10) Acenaphthylene	14.260	152	28021	0.478	ng/ul	99
11) Acenaphthene	14.603	153	19954	0.470	ng/ul	99
12) Fluorene	15.593	166	21869	0.457	ng/ul	99
14) Pentachlorophenol	16.942	266	2526	0.317	ng/ul	98
15) Phenanthrene	17.339	178	32430	0.460	ng/ul	100
16) Anthracene	17.431	178	32089	0.460	ng/ul	100
19) Fluoranthene	19.359	202	35918	0.614	ng/ul	99
20) Pyrene	19.721	202	36290	0.590	ng/ul	98
21) Benzo(a)anthracene	21.482	228	25881	0.440	ng/ul	99
22) Chrysene	21.535	228	29323	0.463	ng/ul	100
24) Benzo(b)fluoranthene	23.163	252	23110	0.483	ng/ul	99
25) Benzo(k)fluoranthene	23.163	252	23110	0.445	ng/ul	99
26) Benzo(a)pyrene	23.786	252	20340	0.458	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.373	276	23216	0.410	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.410	278	18363	0.412	ng/ul	99
29) Benzo(g,h,i)perylene	27.124	276	20442	0.408	ng/ul	98

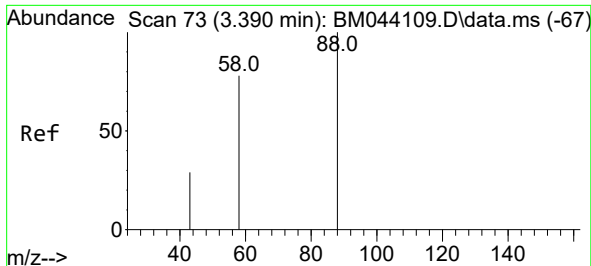
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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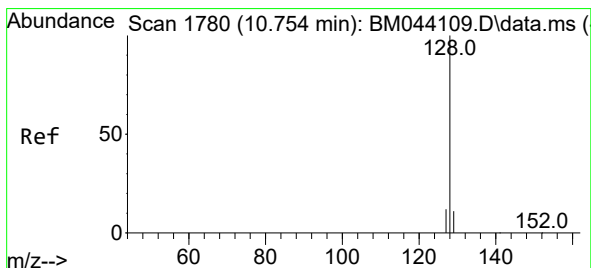
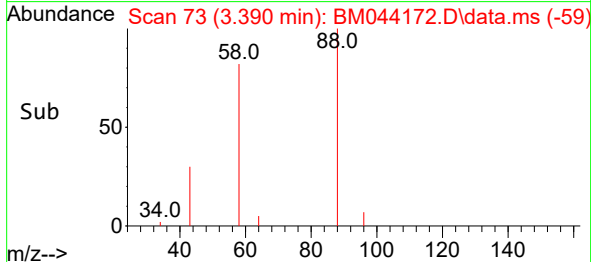
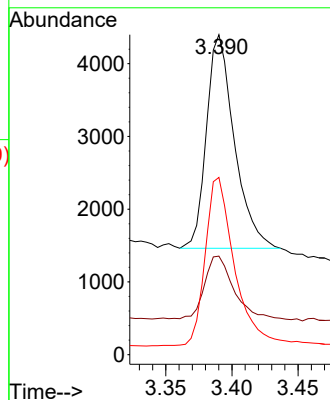
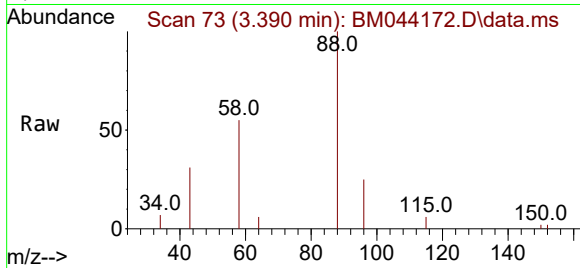




#2
1,4-Dioxane
Concen: 0.459 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

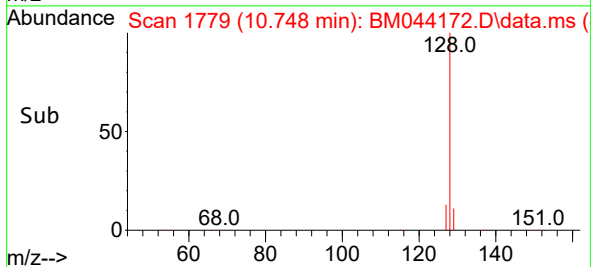
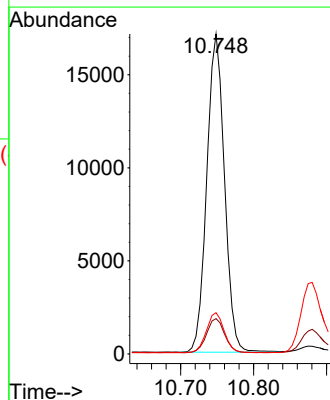
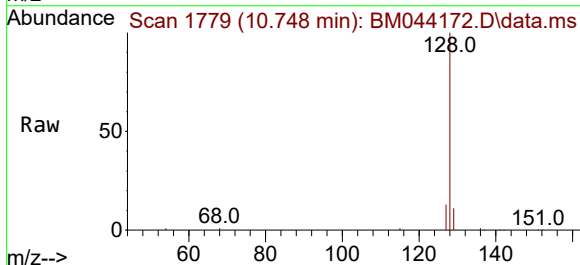
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

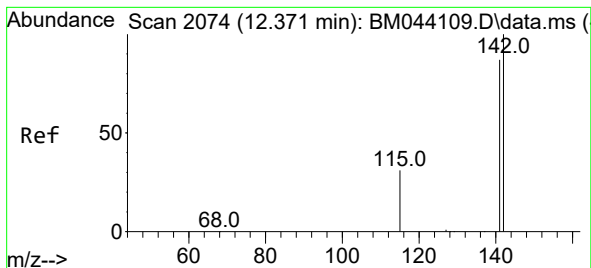
Tgt Ion: 88 Resp: 4298
Ion Ratio Lower Upper
88 100
43 30.8 32.2 48.2#
58 55.4 40.6 60.8



#5
Naphthalene
Concen: 0.465 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion: 128 Resp: 28917
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 12.9 10.7 16.1

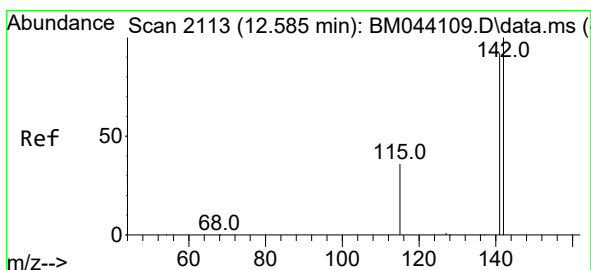
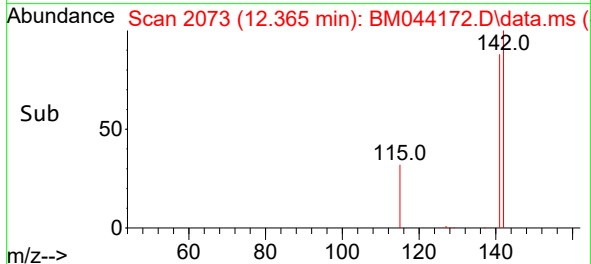
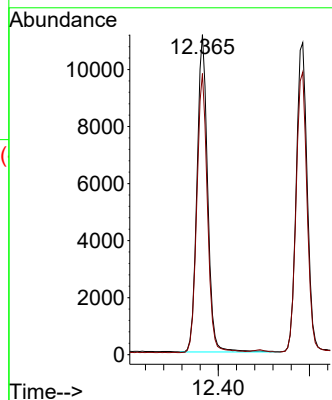
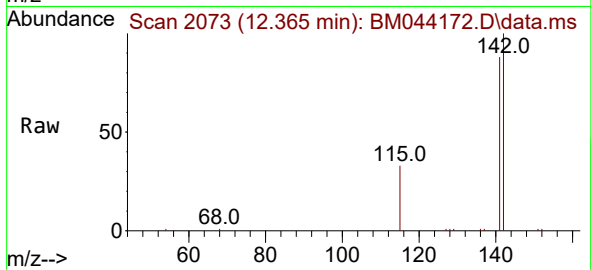




#7
2-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

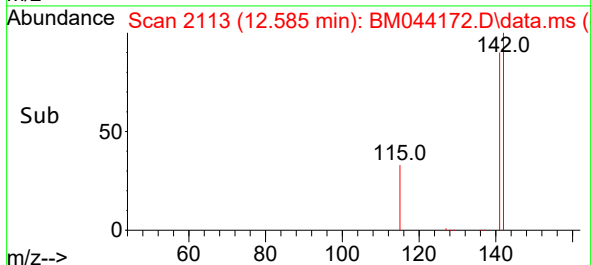
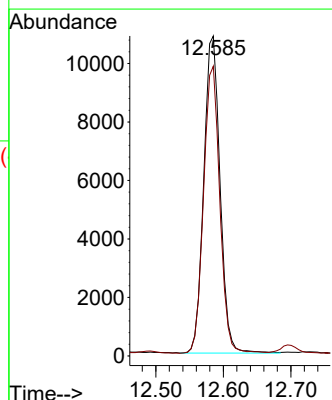
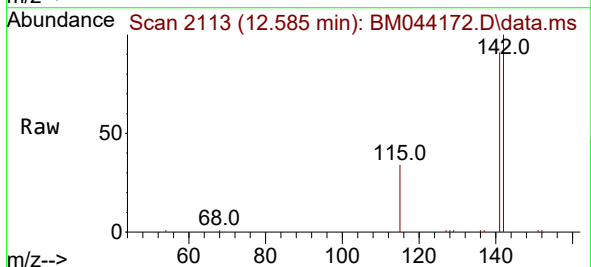
Instrument :
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ClientSampleId :
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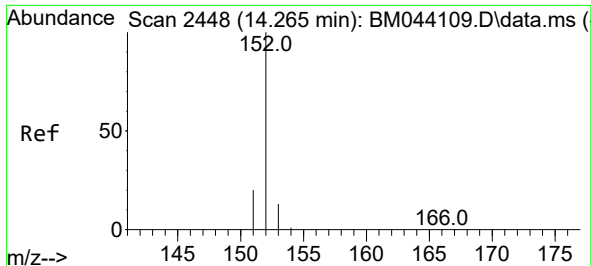
Tgt Ion:142 Resp: 17975
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion:142 Resp: 18161
Ion Ratio Lower Upper
142 100
141 90.4 72.5 108.7

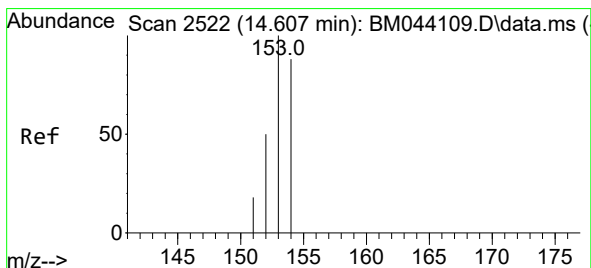
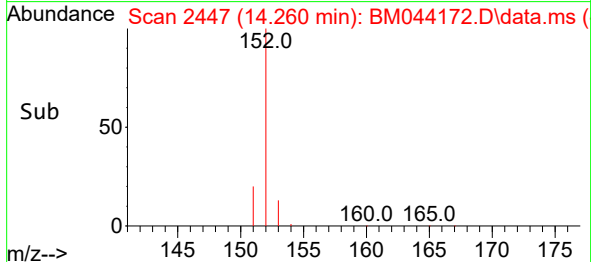
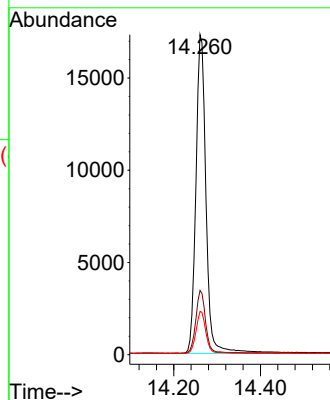
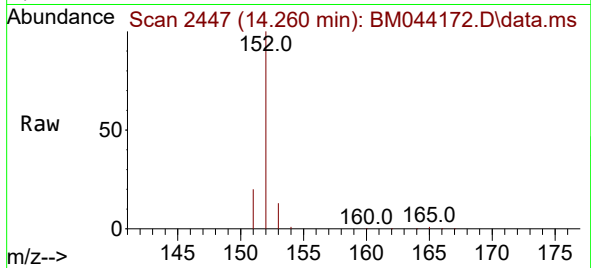




#10
Acenaphthylene
Concen: 0.478 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

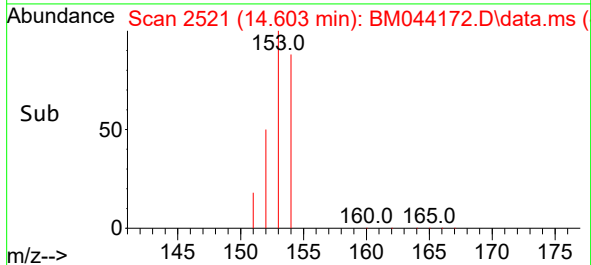
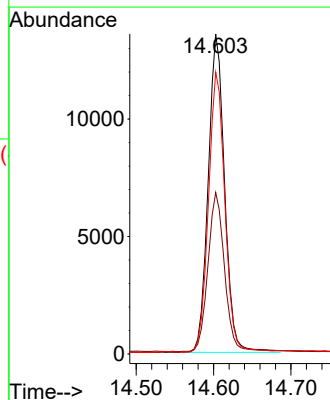
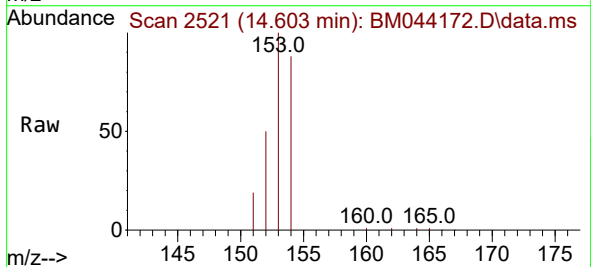
Instrument :
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ClientSampleId :
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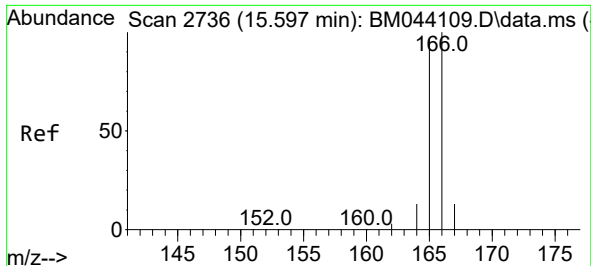
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.5	10.8	16.2



#11
Acenaphthene
Concen: 0.470 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.4	40.6	61.0
154	88.0	70.1	105.1

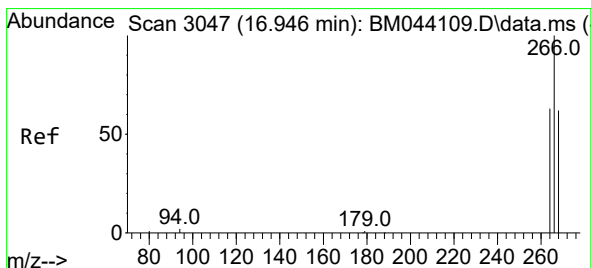
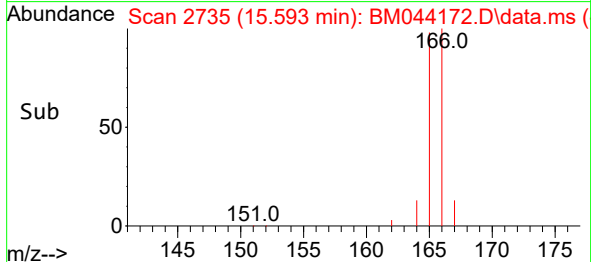
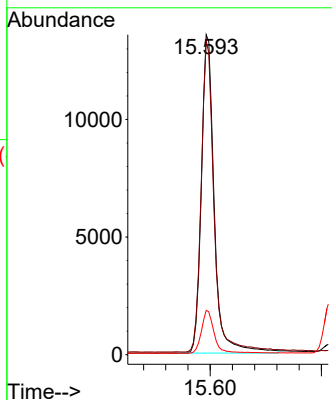
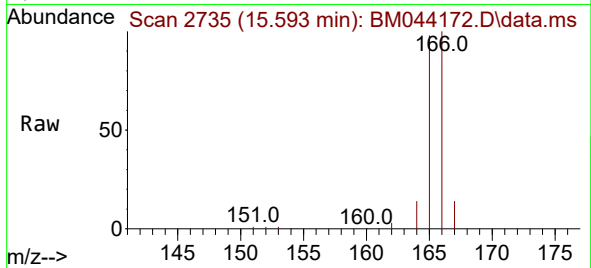




#12
Fluorene
Concen: 0.457 ng/ul
RT: 15.593 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

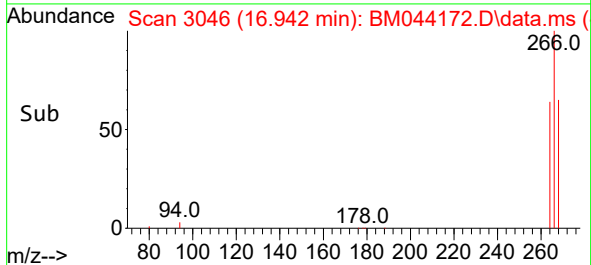
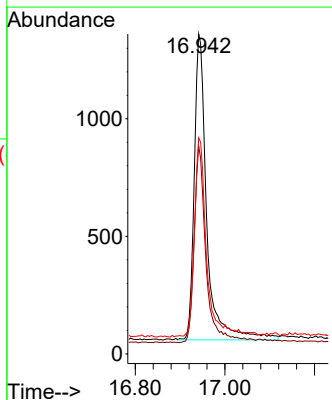
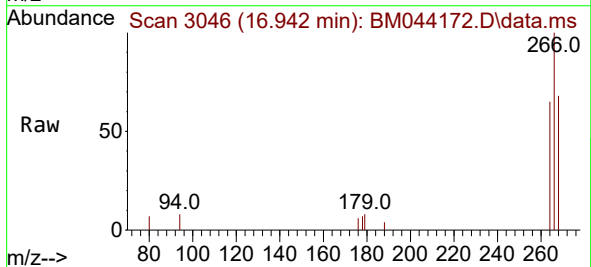
Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

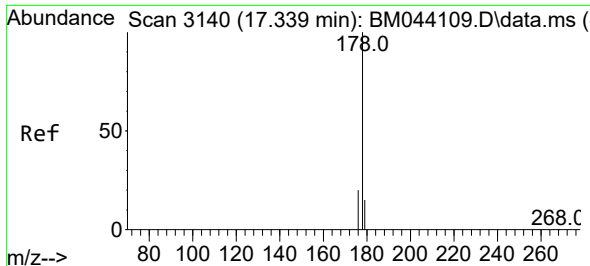
Tgt Ion:166 Resp: 21869
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.317 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion:266 Resp: 2526
Ion Ratio Lower Upper
266 100
264 60.8 49.4 74.0
268 63.7 52.1 78.1

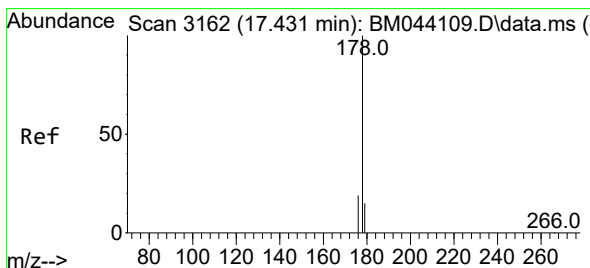
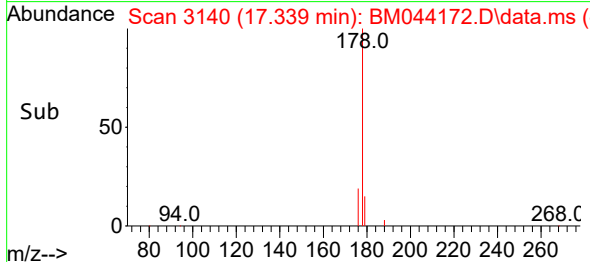
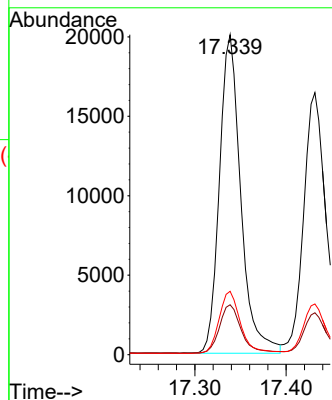
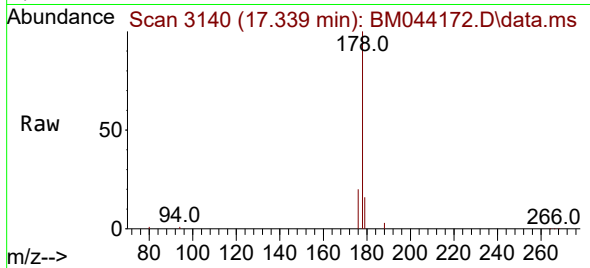




#15
Phenanthrene
Concen: 0.460 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

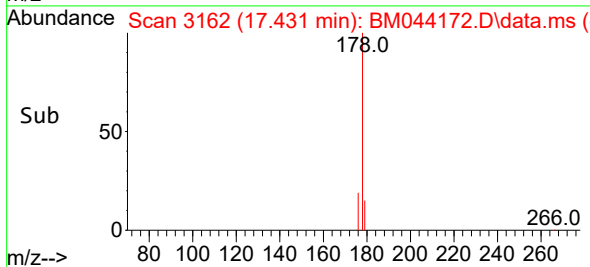
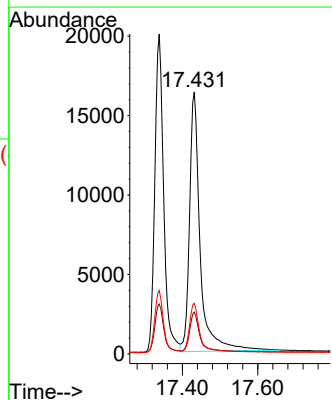
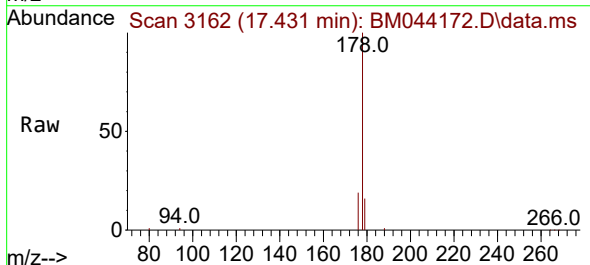
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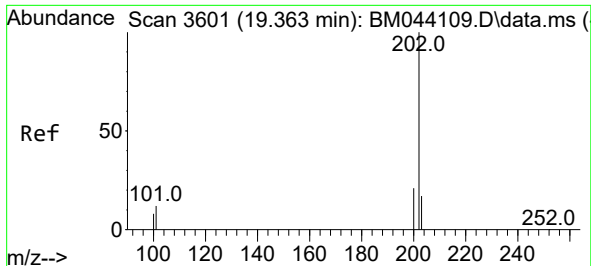
Tgt Ion:178 Resp: 32430
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.460 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion:178 Resp: 32089
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.3 15.3 22.9

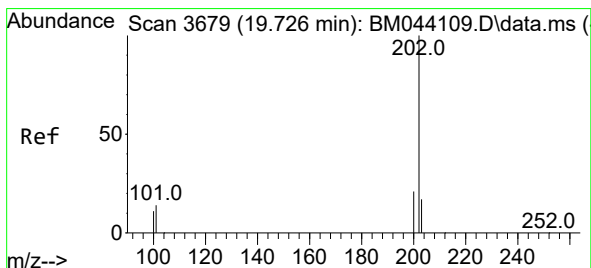
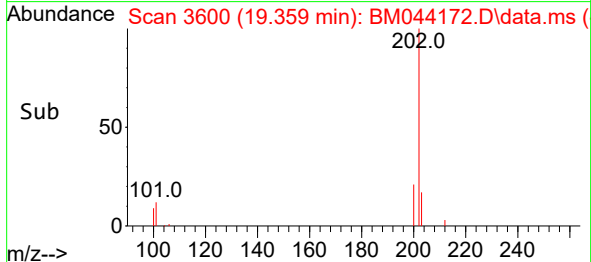
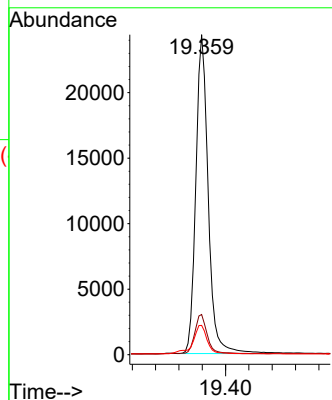
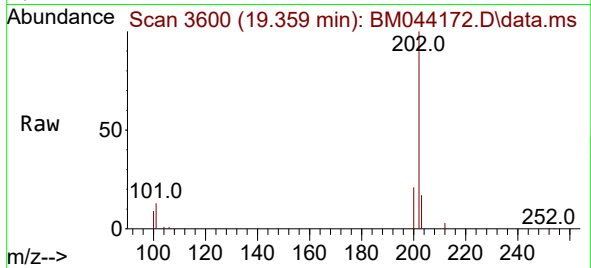




#19
Fluoranthene
Concen: 0.614 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

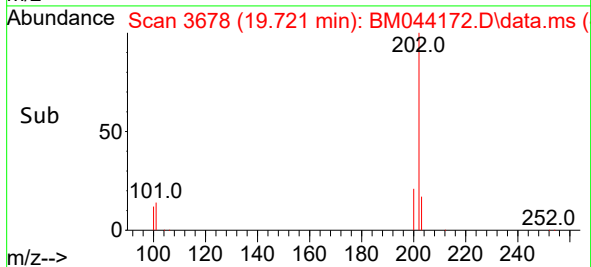
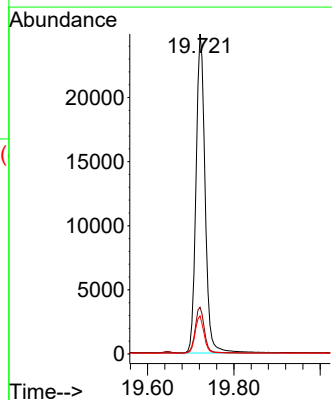
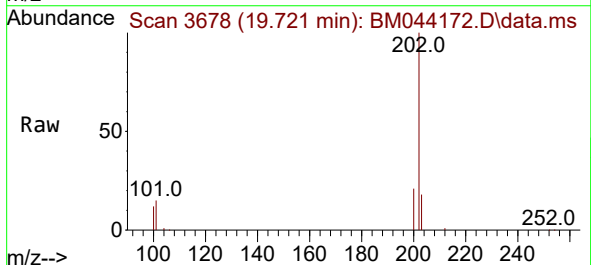
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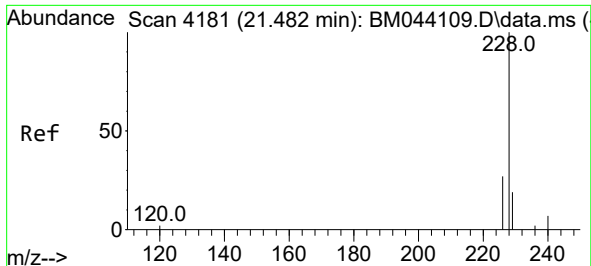
Tgt Ion:202 Resp: 35918
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
100 9.1 7.0 10.4



#20
Pyrene
Concen: 0.590 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion:202 Resp: 36290
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 11.9 8.6 13.0

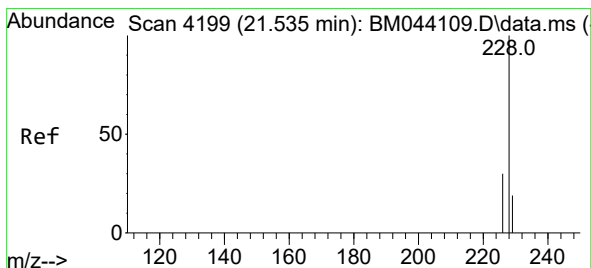
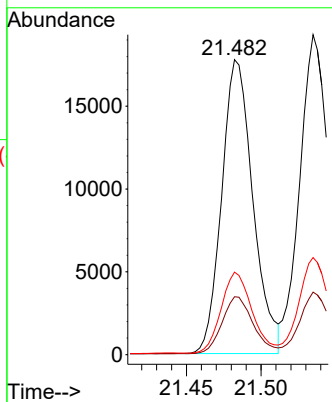
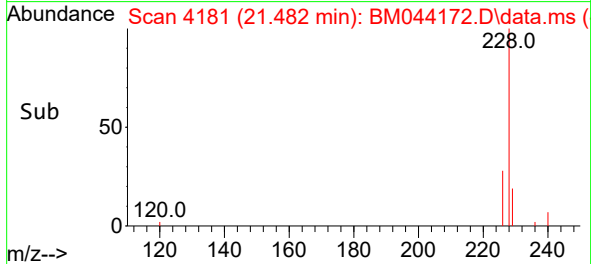
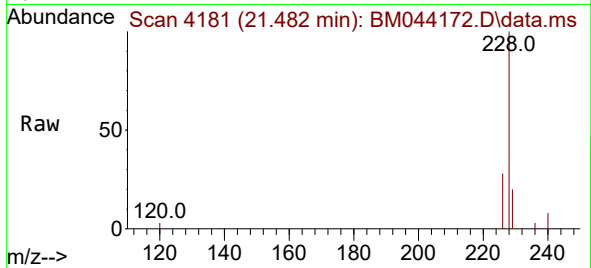




#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

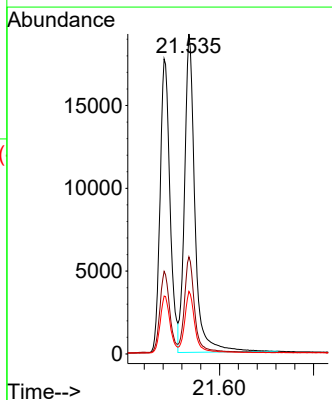
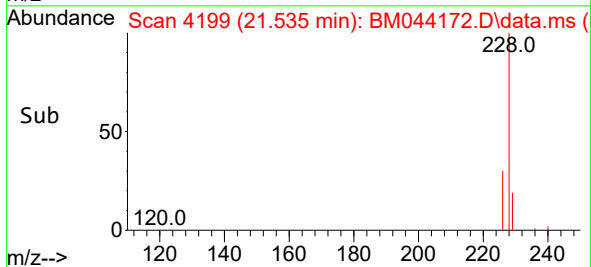
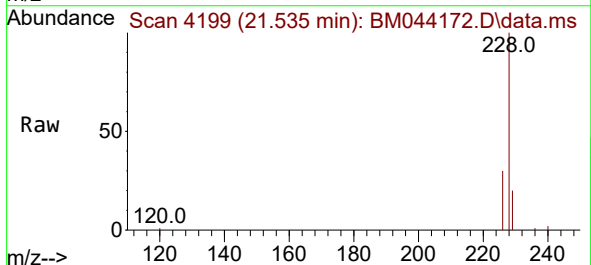
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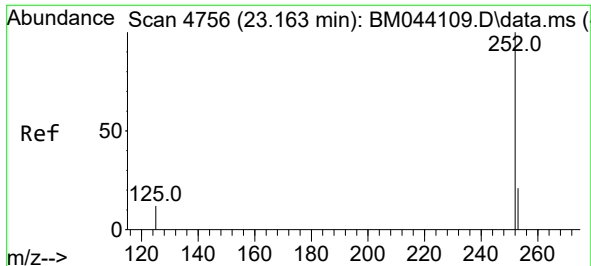
Tgt Ion:	228	Resp:	25881
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.2
226	28.0	22.1	33.1



#22
Chrysene
Concen: 0.463 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

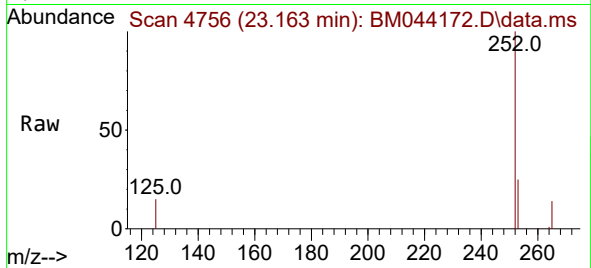
Tgt Ion:	228	Resp:	29323
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.5	15.8	23.6



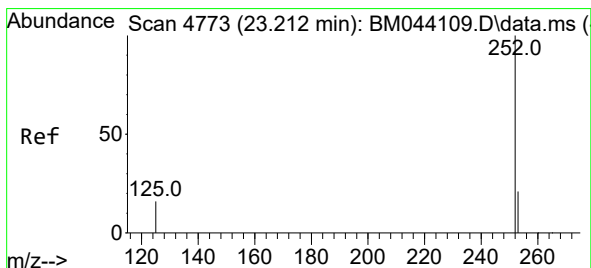
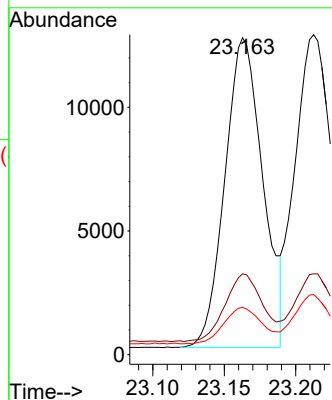


#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.163 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

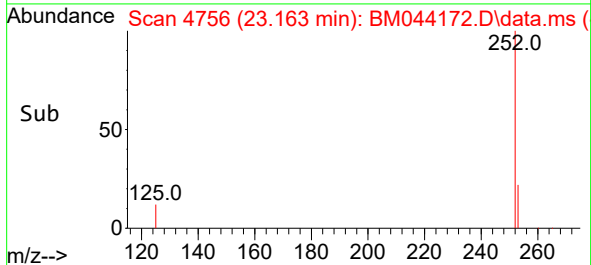
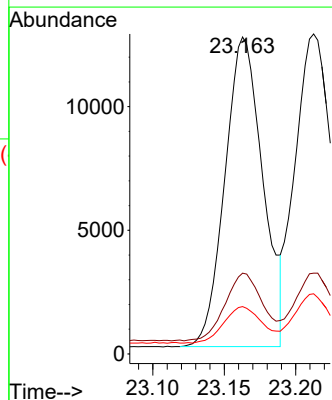
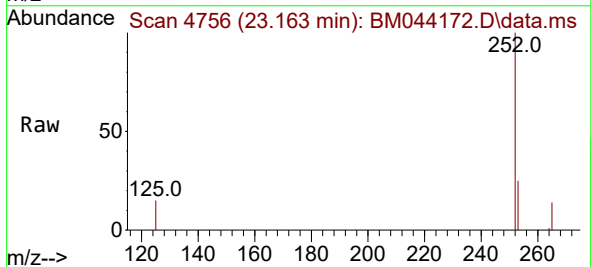


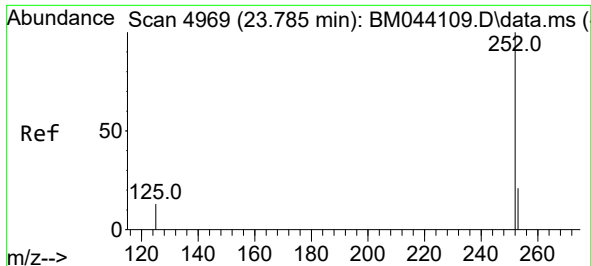
Tgt Ion:252 Resp: 23110
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.0
125 14.9 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. -0.050 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

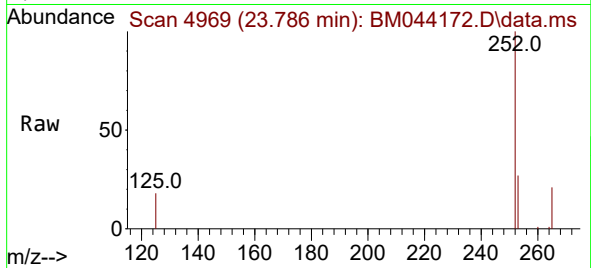
Tgt Ion:252 Resp: 23110
Ion Ratio Lower Upper
252 100
253 25.5 20.1 30.1
125 14.9 12.3 18.5



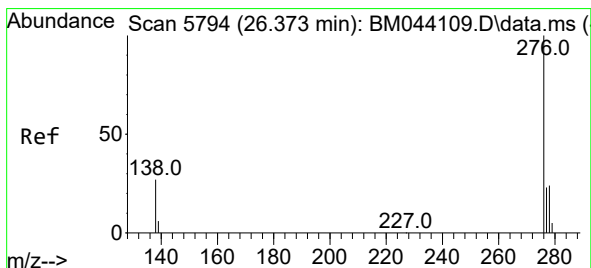
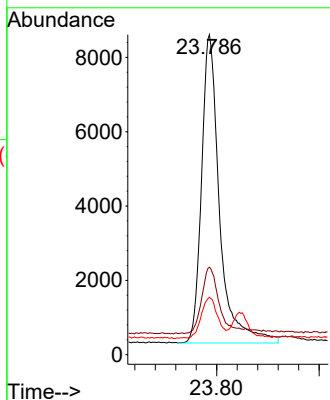
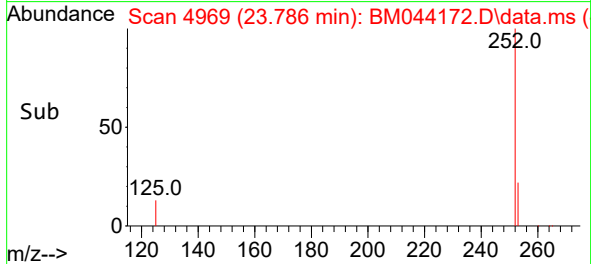


#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.786 min Scan# 4969
Delta R.T. 0.000 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

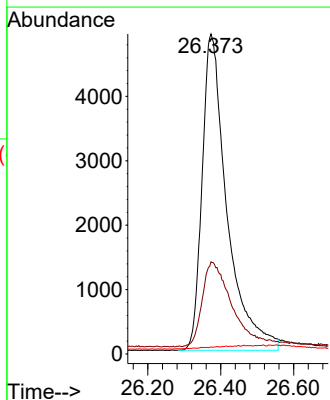
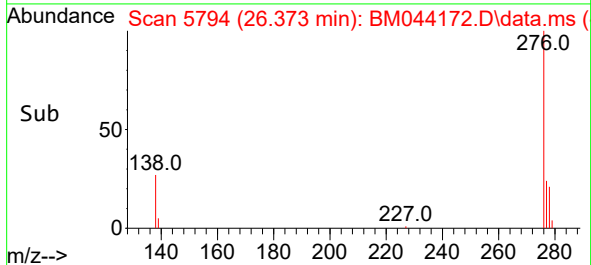
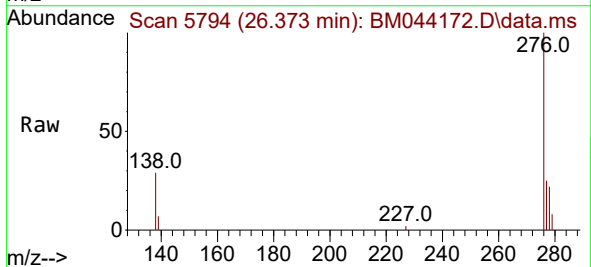


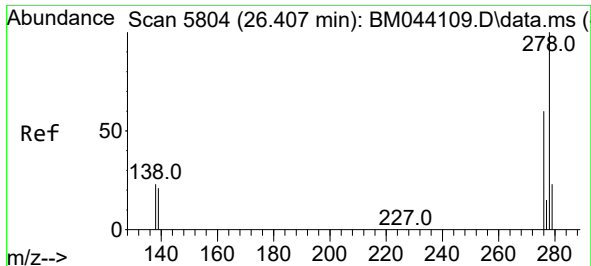
Tgt Ion:	252	Resp:	20340
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.4	32.2
125	17.9	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. 0.003 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion:	276	Resp:	23216
Ion Ratio	Lower	Upper	
276	100		
138	32.2	25.2	37.8
227	0.0	0.1	0.1

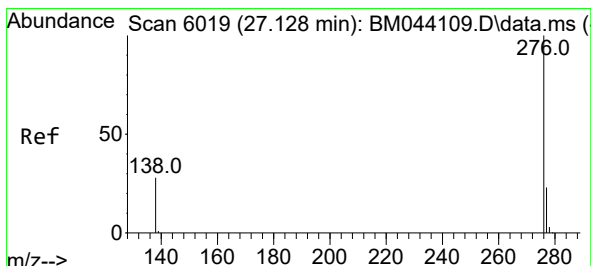
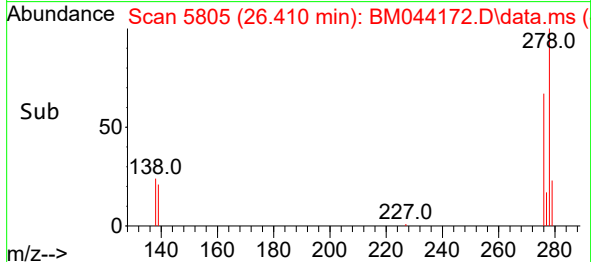
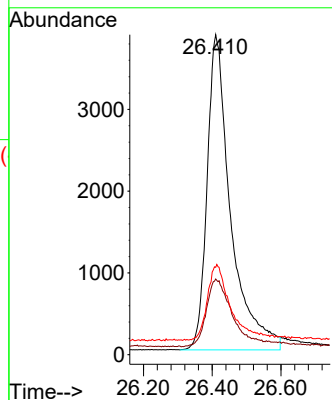
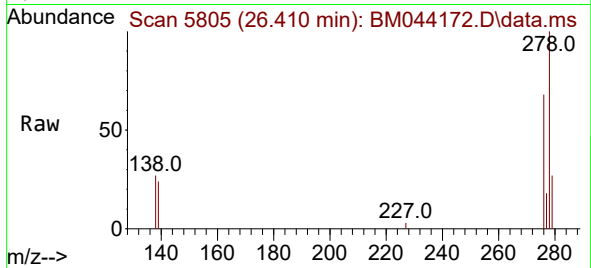




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.410 min Scan# 5805
Delta R.T. 0.000 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

Tgt Ion:278 Resp: 18363
Ion Ratio Lower Upper
278 100
139 23.7 17.8 26.8
279 27.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044172.D
Acq: 17 Feb 2024 12:55

Tgt Ion:276 Resp: 20442
Ion Ratio Lower Upper
276 100
138 29.2 22.7 34.1
277 24.9 19.0 28.6

