

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040786.D
 Acq On : 09 Jul 2023 21:20
 Operator : MA/JU
 Sample : 03384-02MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YBW82MS

Quant Time: Jul 10 00:53:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 14:07:58 2023
 Response via : Initial Calibration

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

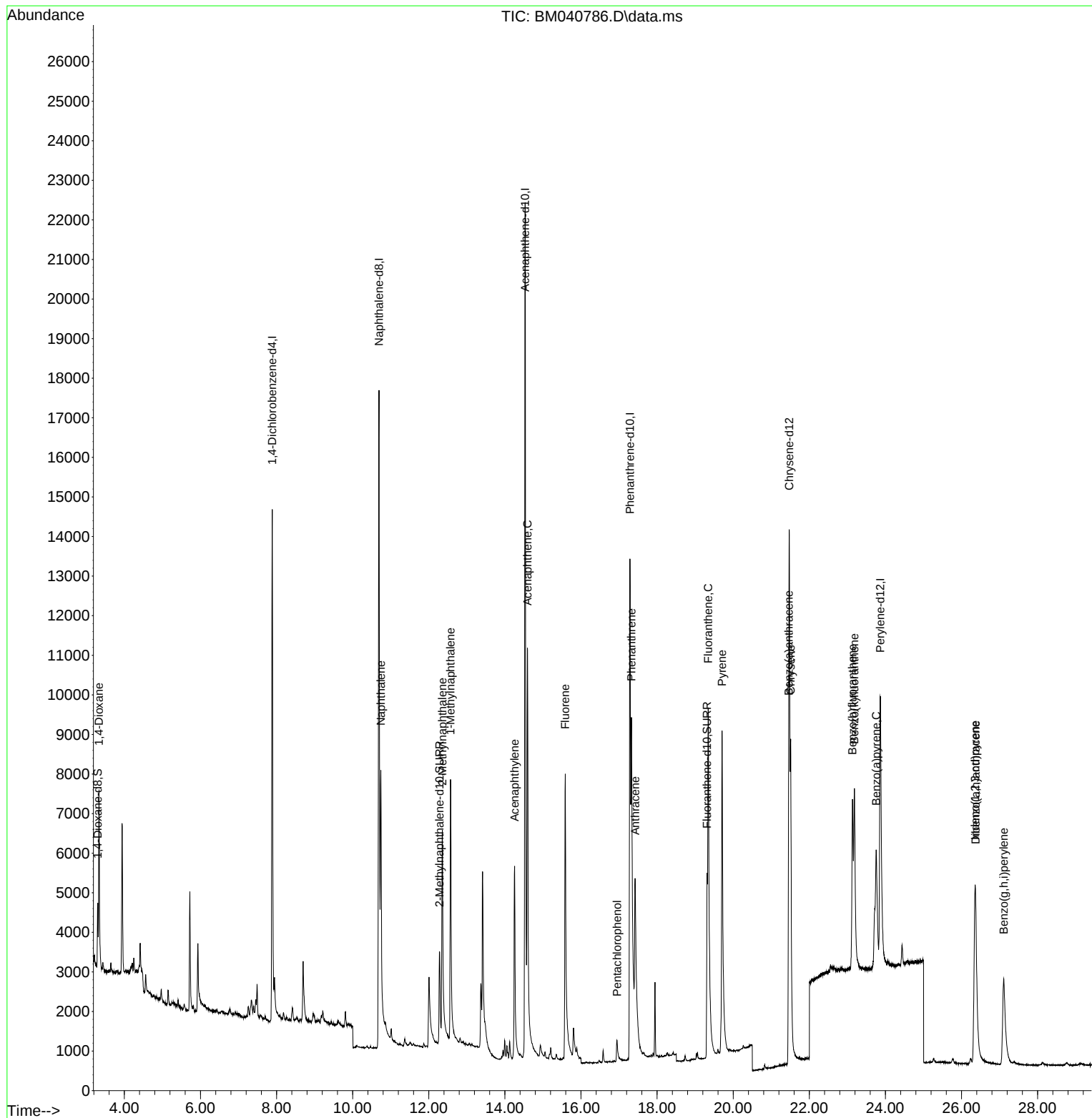
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	7730	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	29847	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	14373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	23405	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	15695	0.400	ng/ul	# 0.00
23) Perylene-d12	23.866	264	13691	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1267	0.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	4766	0.114	ng/ul	-0.01
18) Fluoranthene-d10	19.315	212	8468	0.168	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	2894	0.234	ng/ul	92
5) Naphthalene	10.741	128	10280	0.125	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	5684	0.118	ng/ul	96
8) 1-Methylnaphthalene	12.572	142	5576	0.115	ng/ul	99
10) Acenaphthylene	14.254	152	7927	0.123	ng/ul	96
11) Acenaphthene	14.597	153	7250	0.134	ng/ul	94
12) Fluorene	15.587	166	7388	0.128	ng/ul	98
14) Pentachlorophenol	16.949	266	692	0.154	ng/ul	93
15) Phenanthrene	17.329	178	10312	0.142	ng/ul	98
16) Anthracene	17.426	178	9002	0.147	ng/ul	96
19) Fluoranthene	19.343	202	10699	0.160	ng/ul	96
20) Pyrene	19.706	202	11302	0.158	ng/ul	96
21) Benzo(a)anthracene	21.457	228	7573	0.143	ng/ul	99
22) Chrysene	21.510	228	8551	0.141	ng/ul	98
24) Benzo(b)fluoranthene	23.135	252	7635	0.144	ng/ul	90
25) Benzo(k)fluoranthene	23.184	252	8134	0.156	ng/ul#	89
26) Benzo(a)pyrene	23.757	252	6423	0.135	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.357	276	8731	0.131	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.367	278	6845	0.132	ng/ul#	92
29) Benzo(g,h,i)perylene	27.109	276	7593	0.130	ng/ul	95

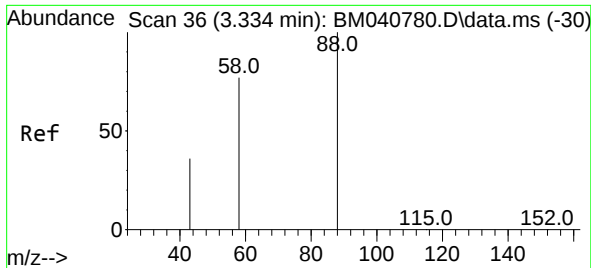
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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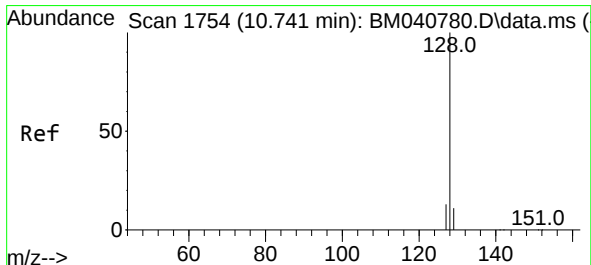
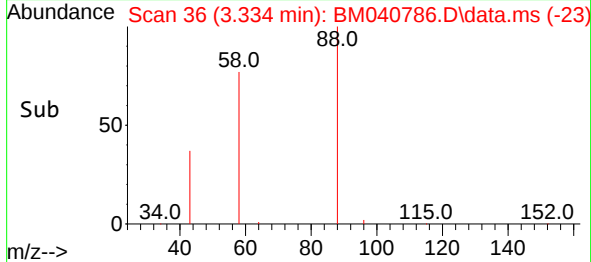
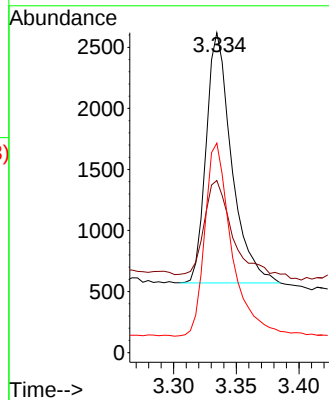
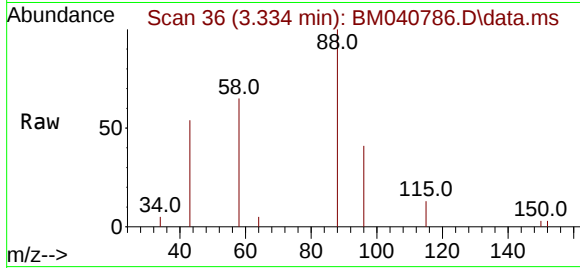




#2
 1,4-Dioxane
 Concen: 0.234 ng/ul
 RT: 3.334 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BM040786.D
 Acq: 09 Jul 2023 21:20

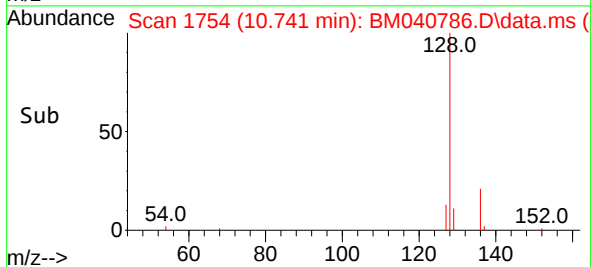
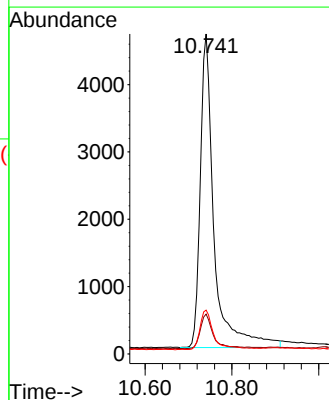
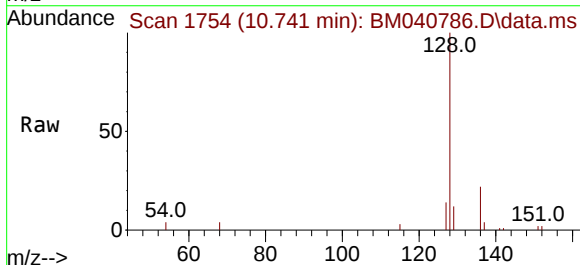
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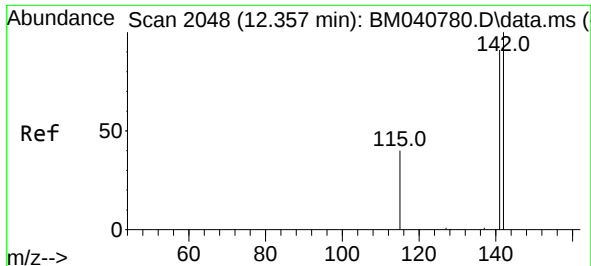
Tgt Ion: 88 Resp: 2894
 Ion Ratio Lower Upper
 88 100
 43 53.8 36.1 54.1
 58 65.5 49.8 74.8



#5
 Naphthalene
 Concen: 0.125 ng/ul
 RT: 10.741 min Scan# 1754
 Delta R.T. -0.005 min
 Lab File: BM040786.D
 Acq: 09 Jul 2023 21:20

Tgt Ion: 128 Resp: 10280
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.2 13.8
 127 13.7 10.6 15.8

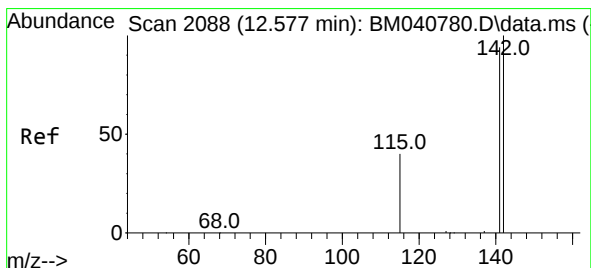
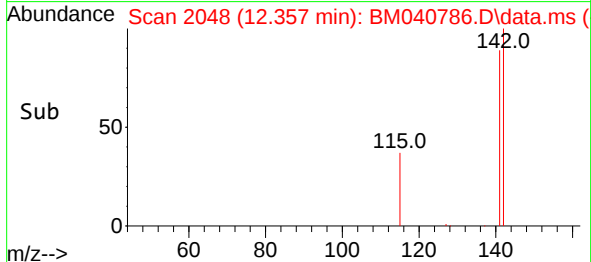
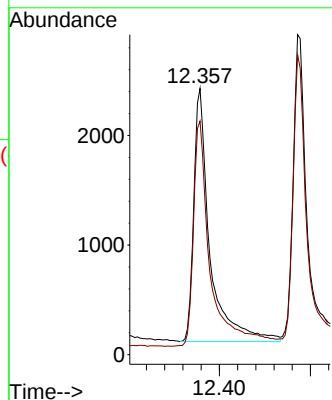
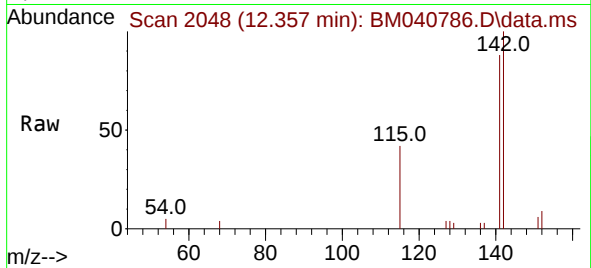




#7
2-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

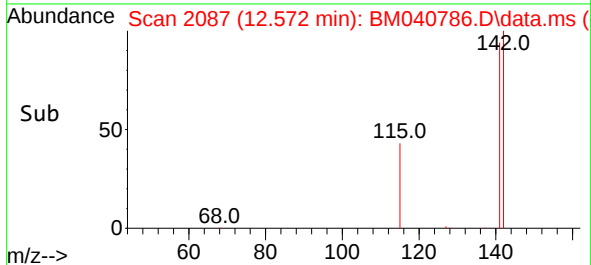
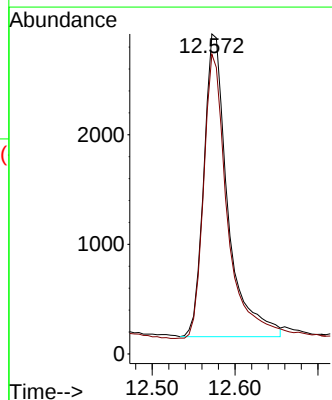
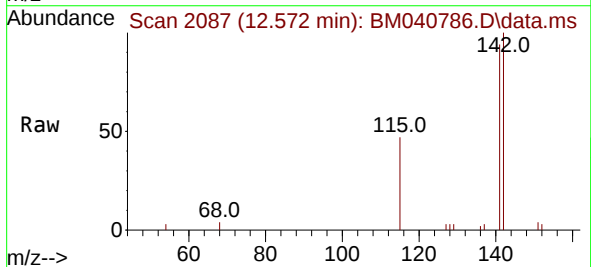
Instrument :
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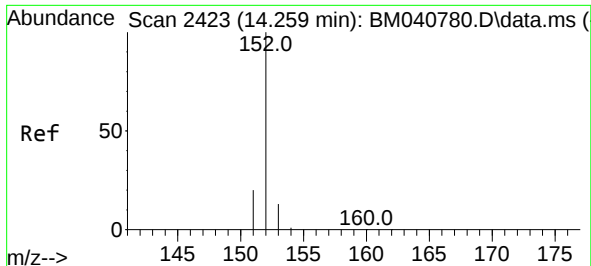
Tgt Ion:142 Resp: 5684
Ion Ratio Lower Upper
142 100
141 93.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:142 Resp: 5576
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5

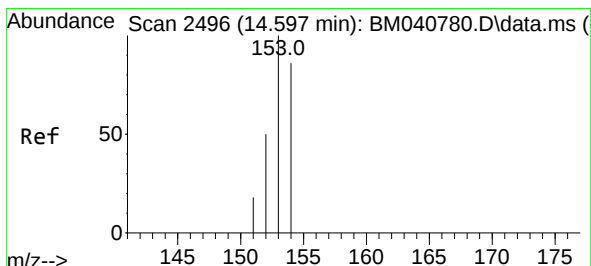
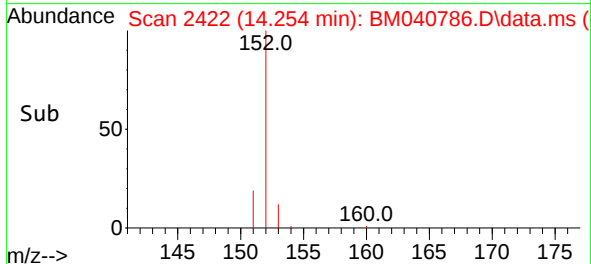
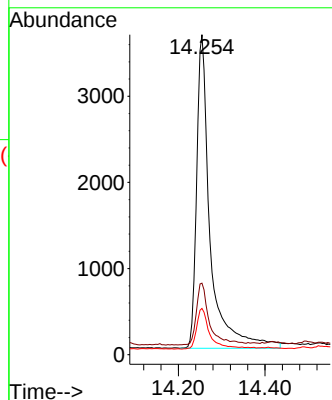
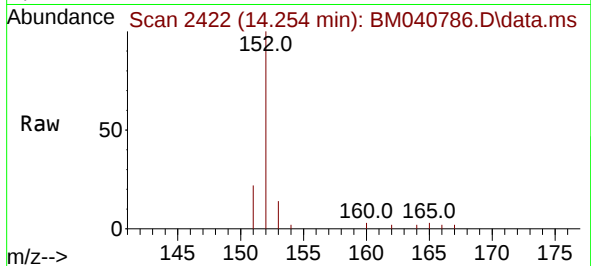




#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

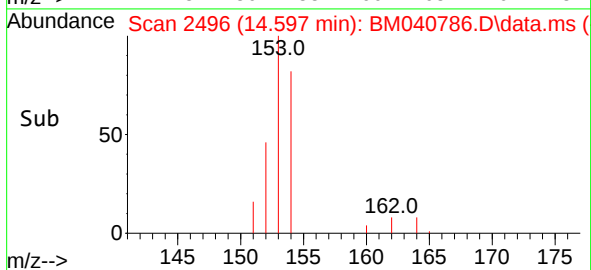
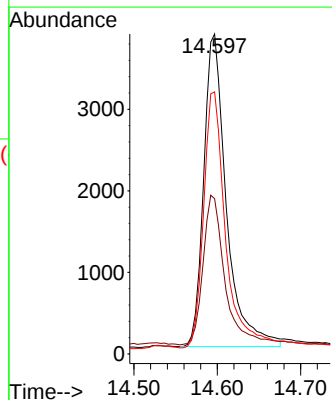
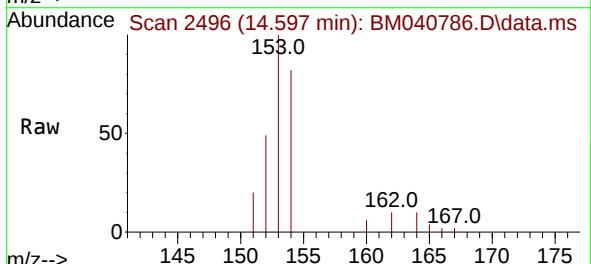
Instrument :
BNA_M
ClientSampleId :
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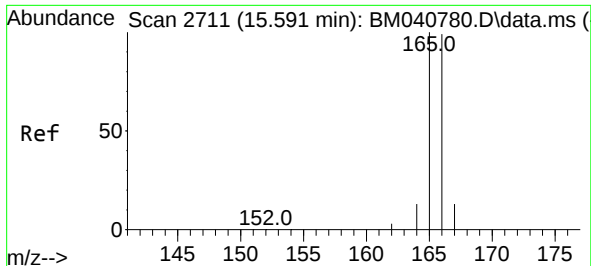
Tgt Ion:	152	Resp:	7927
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.2	24.2
153	14.5	10.9	16.3



#11
Acenaphthene
Concen: 0.134 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.004 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:	153	Resp:	7250
Ion Ratio	Lower	Upper	
153	100		
152	48.5	41.0	61.4
154	81.9	70.8	106.2

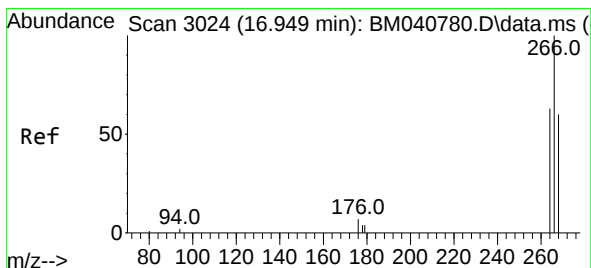
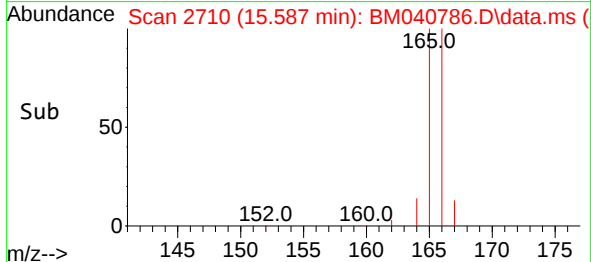
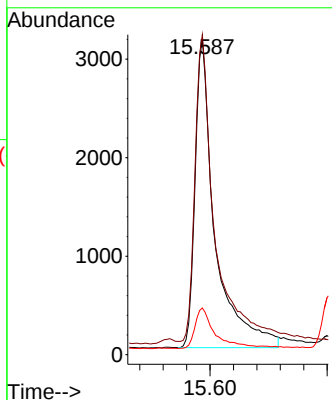
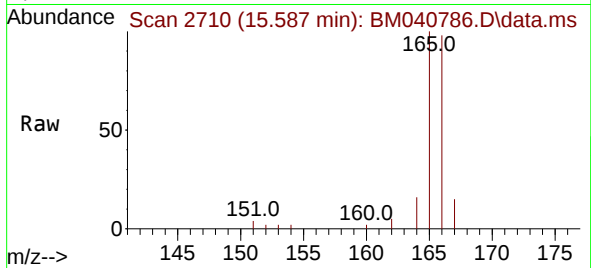




#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

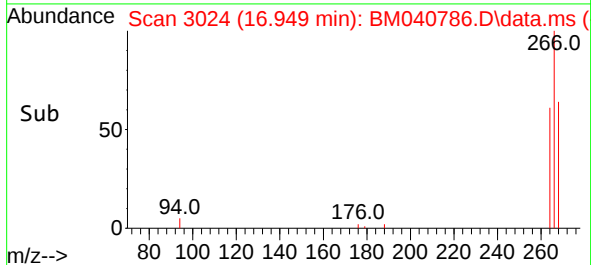
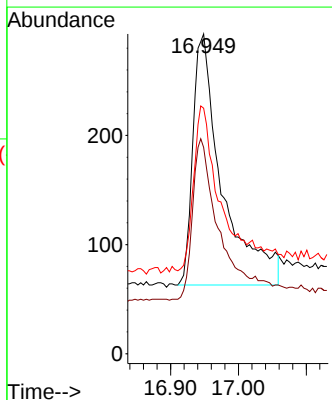
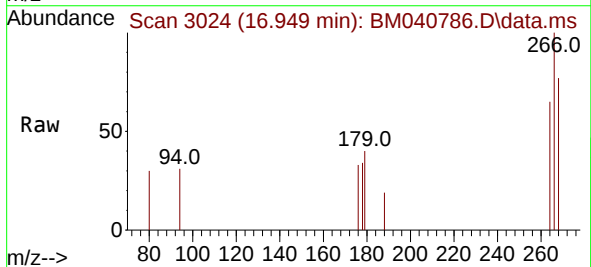
Instrument :
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ClientSampleId :
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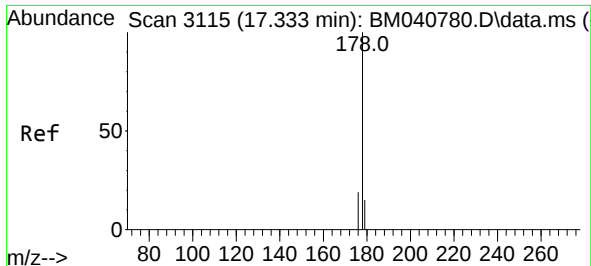
Tgt Ion:166 Resp: 7388
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 14.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.154 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:266 Resp: 692
Ion Ratio Lower Upper
266 100
264 61.8 45.4 68.0
268 64.2 47.2 70.8

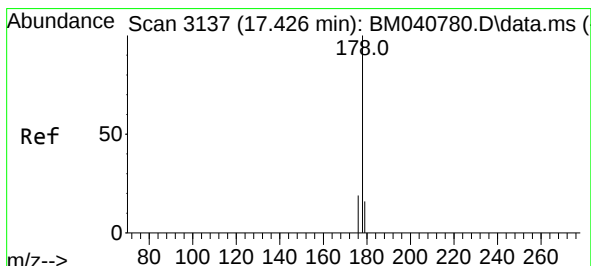
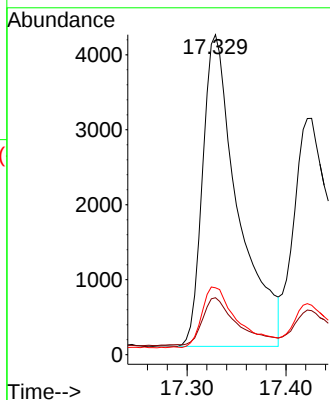
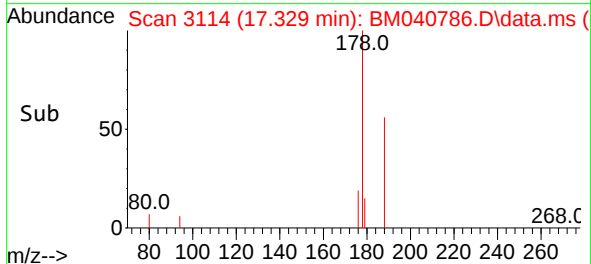
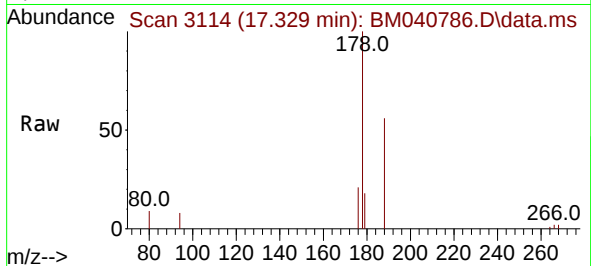




#15
Phenanthrene
Concen: 0.142 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

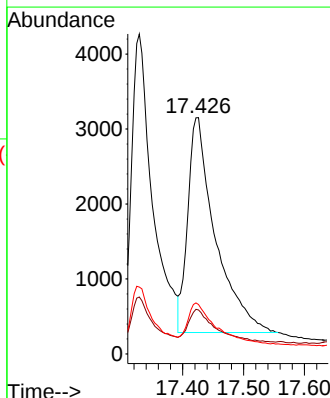
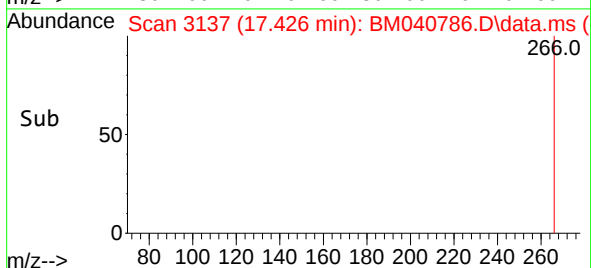
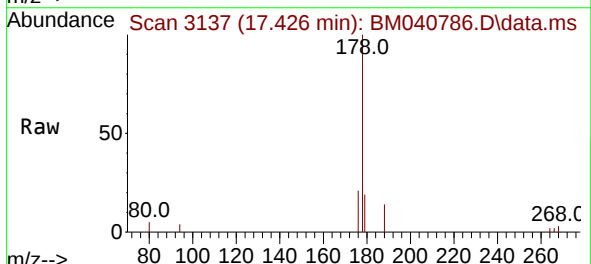
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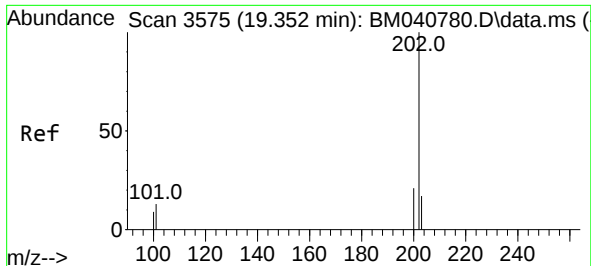
Tgt Ion:178 Resp: 10312
Ion Ratio Lower Upper
178 100
179 17.8 12.8 19.2
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.147 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:178 Resp: 9002
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 20.9 15.8 23.6

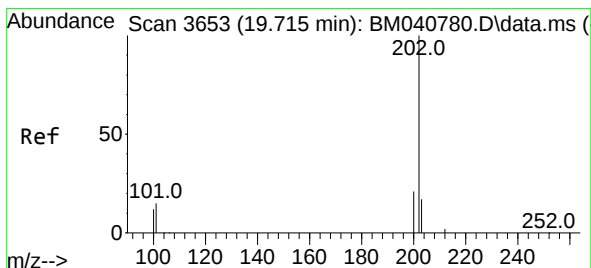
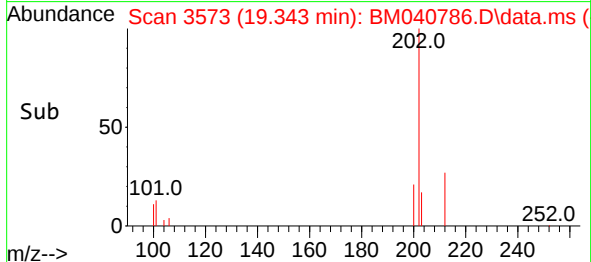
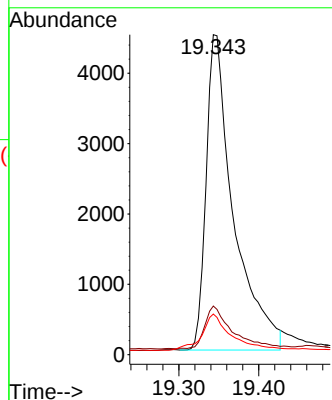
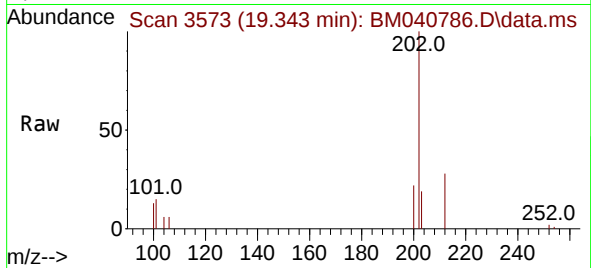




#19
Fluoranthene
Concen: 0.160 ng/ul
RT: 19.343 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

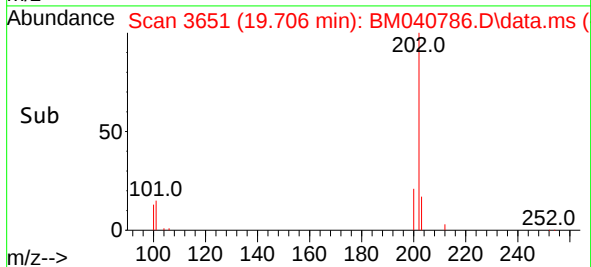
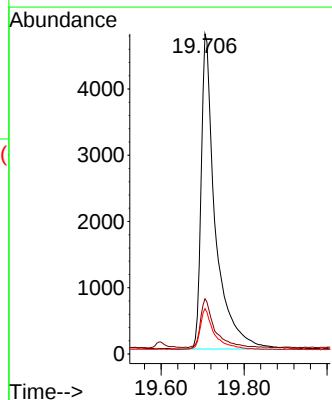
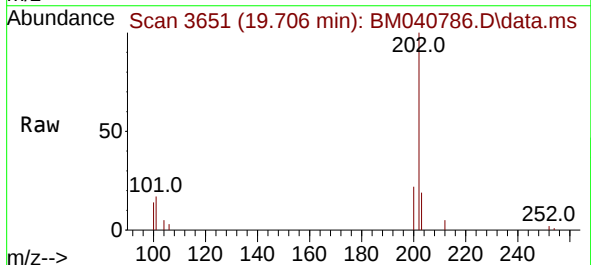
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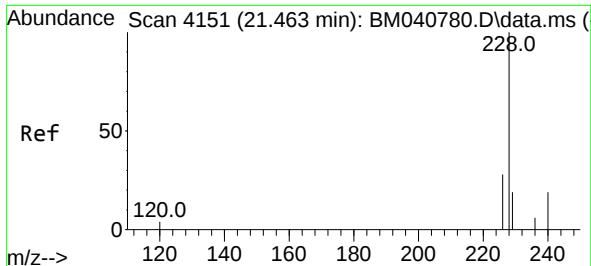
Tgt Ion:202 Resp: 10699
Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.0
100 12.7 8.7 13.1



#20
Pyrene
Concen: 0.158 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. -0.009 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:202 Resp: 11302
Ion Ratio Lower Upper
202 100
101 17.2 12.6 18.8
100 14.2 9.8 14.6

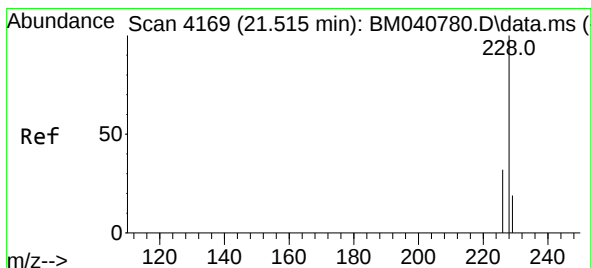
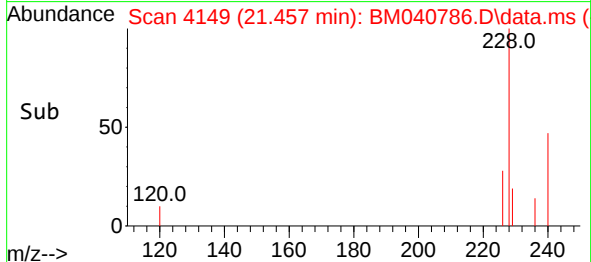
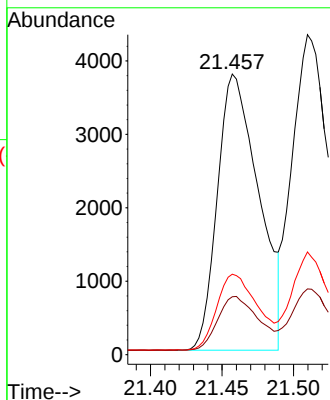
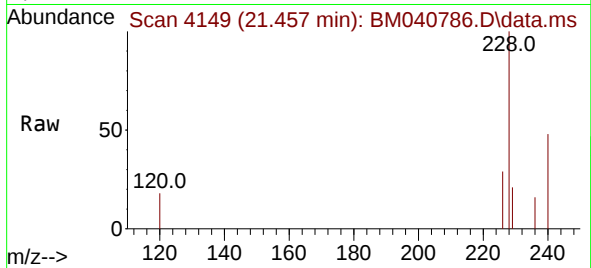




#21
Benzo(a)anthracene
Concen: 0.143 ng/ul
RT: 21.457 min Scan# 4149
Delta R.T. -0.009 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

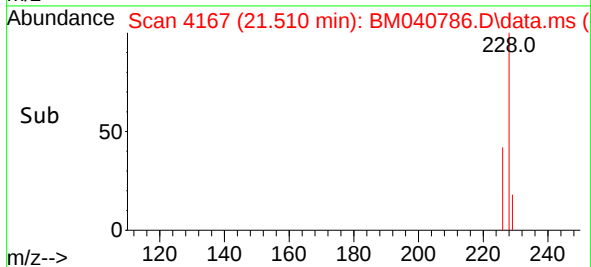
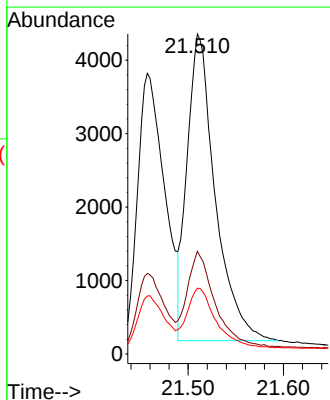
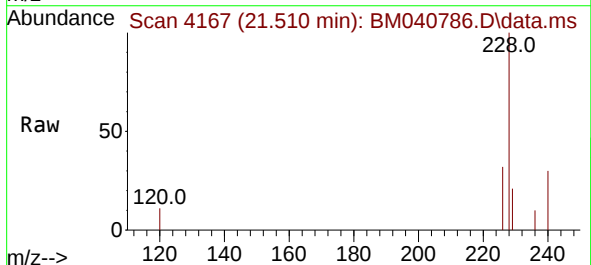
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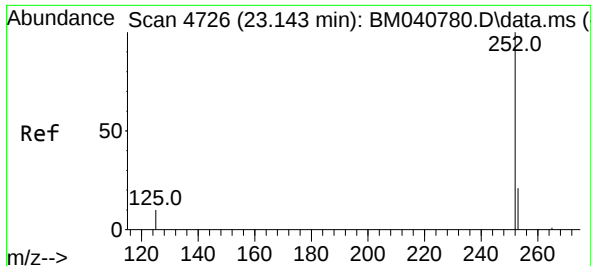
Tgt Ion:228	Resp:	7573	
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.7	22.3	33.5



#22
Chrysene
Concen: 0.141 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. -0.006 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt	Ion:228	Resp:	8551
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.5	15.8	23.6

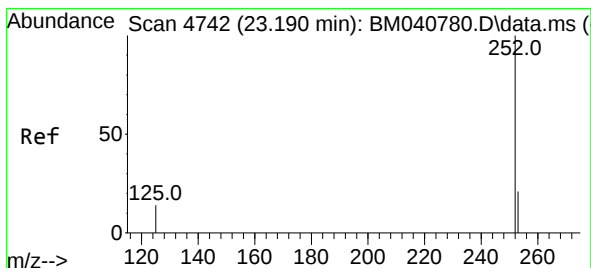
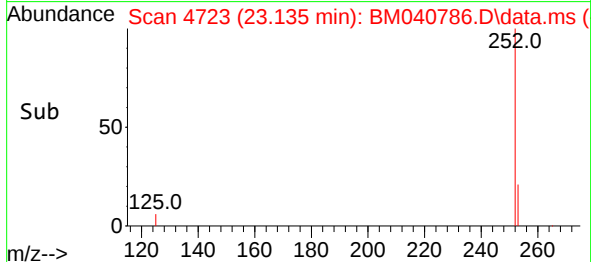
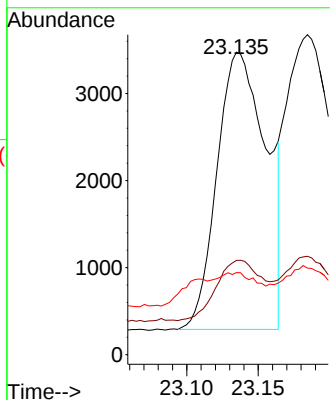
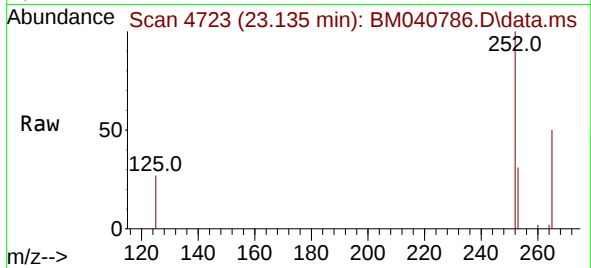




#24
Benzo(b)fluoranthene
Concen: 0.144 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.012 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

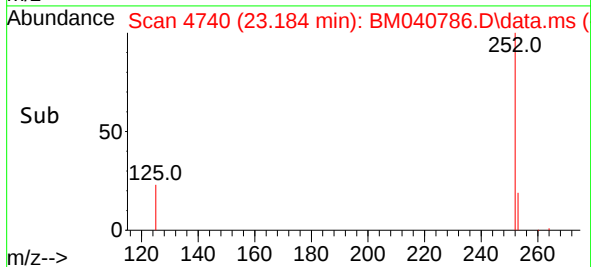
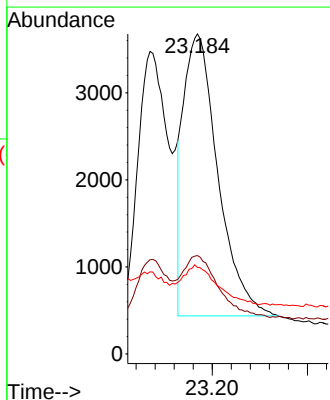
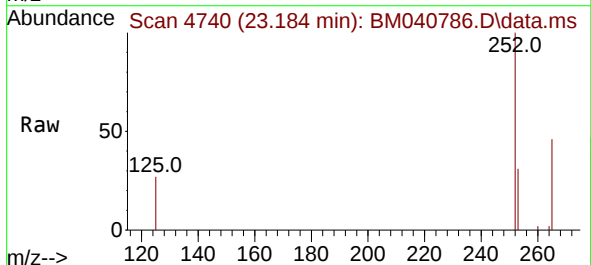
Instrument :
BNA_M
ClientSampleId :
YBW82MS

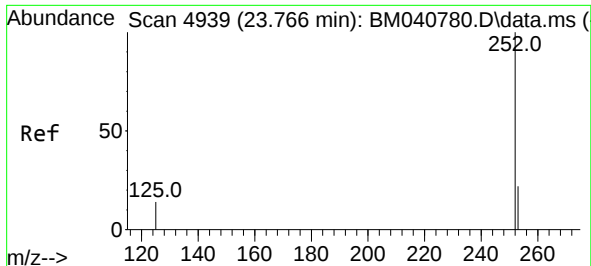
Tgt Ion:252 Resp: 7635
Ion Ratio Lower Upper
252 100
253 31.1 0.0 52.8
125 27.2 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.156 ng/ul
RT: 23.184 min Scan# 4740
Delta R.T. -0.009 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:252 Resp: 8134
Ion Ratio Lower Upper
252 100
253 30.8 21.2 31.8
125 27.1 16.4 24.6#

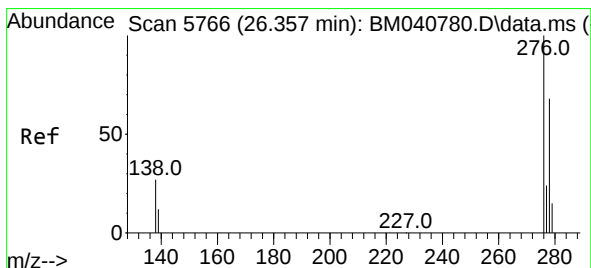
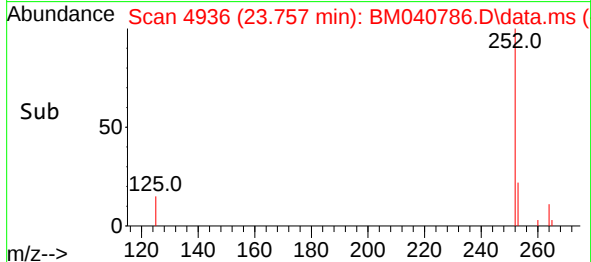
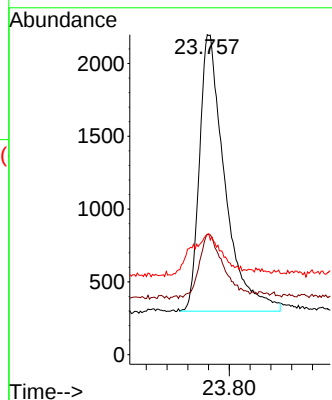
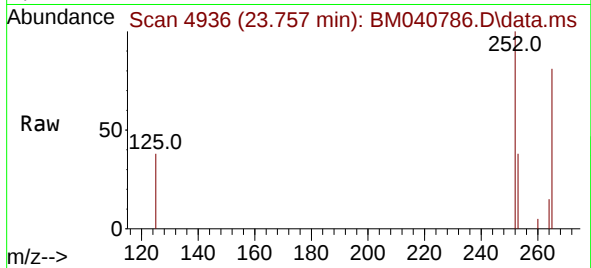




#26
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.757 min Scan# 4936
Delta R.T. -0.014 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

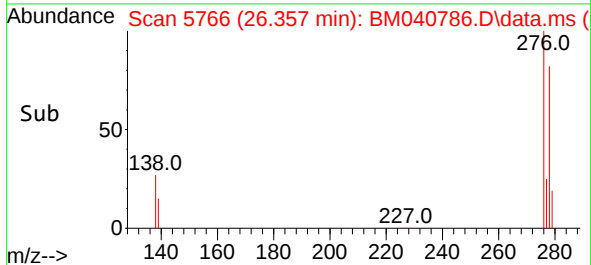
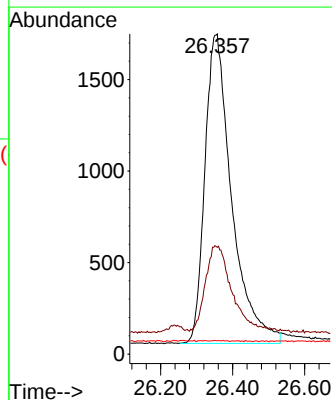
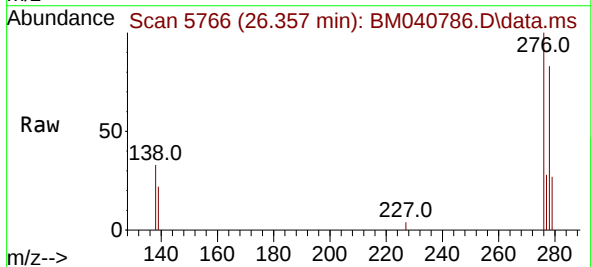
Instrument :
BNA_M
ClientSampleId :
YBW82MS

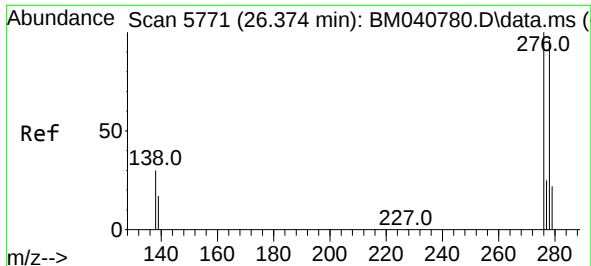
Tgt Ion:252 Resp: 6423
Ion Ratio Lower Upper
252 100
253 37.5 22.9 34.3#
125 37.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng/ul
RT: 26.357 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:276 Resp: 8731
Ion Ratio Lower Upper
276 100
138 27.5 24.5 36.7
227 0.1 0.1 0.1#

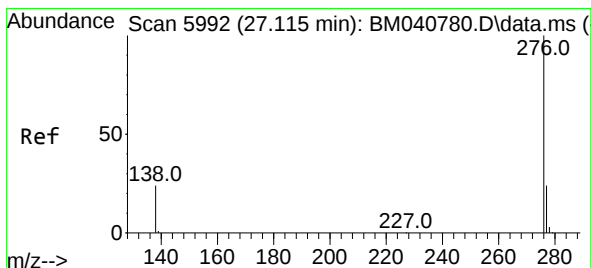
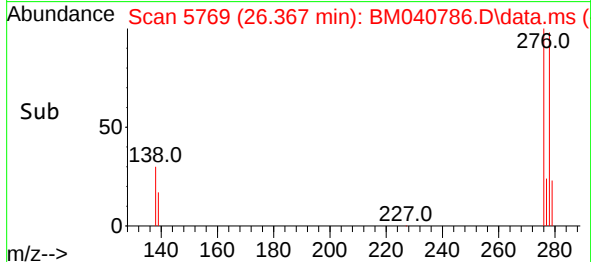
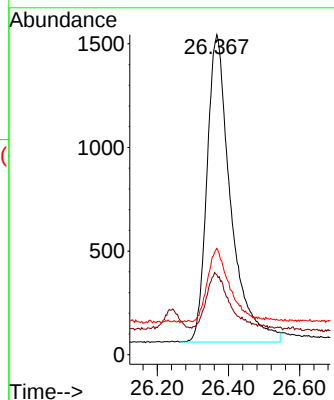
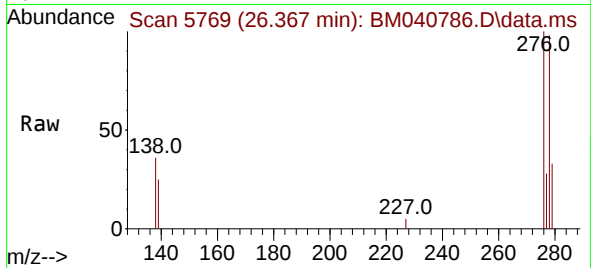




#28
Dibenzo(a,h)anthracene
Concen: 0.132 ng/ul
RT: 26.367 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Instrument :
BNA_M
ClientSampleId :
YBW82MS

Tgt Ion:278 Resp: 6845
Ion Ratio Lower Upper
278 100
139 25.0 17.9 26.9
279 33.2 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 27.109 min Scan# 5990
Delta R.T. -0.013 min
Lab File: BM040786.D
Acq: 09 Jul 2023 21:20

Tgt Ion:276 Resp: 7593
Ion Ratio Lower Upper
276 100
138 31.2 23.0 34.6
277 27.7 20.3 30.5

