

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040747.D
 Acq On : 08 Jul 2023 19:46
 Operator : MA/JU
 Sample : PB153845BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS845

Quant Time: Jul 08 23:32:09 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 : Sat Jul 08 22:50:20 2023
 Response via : Initial Calibration

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

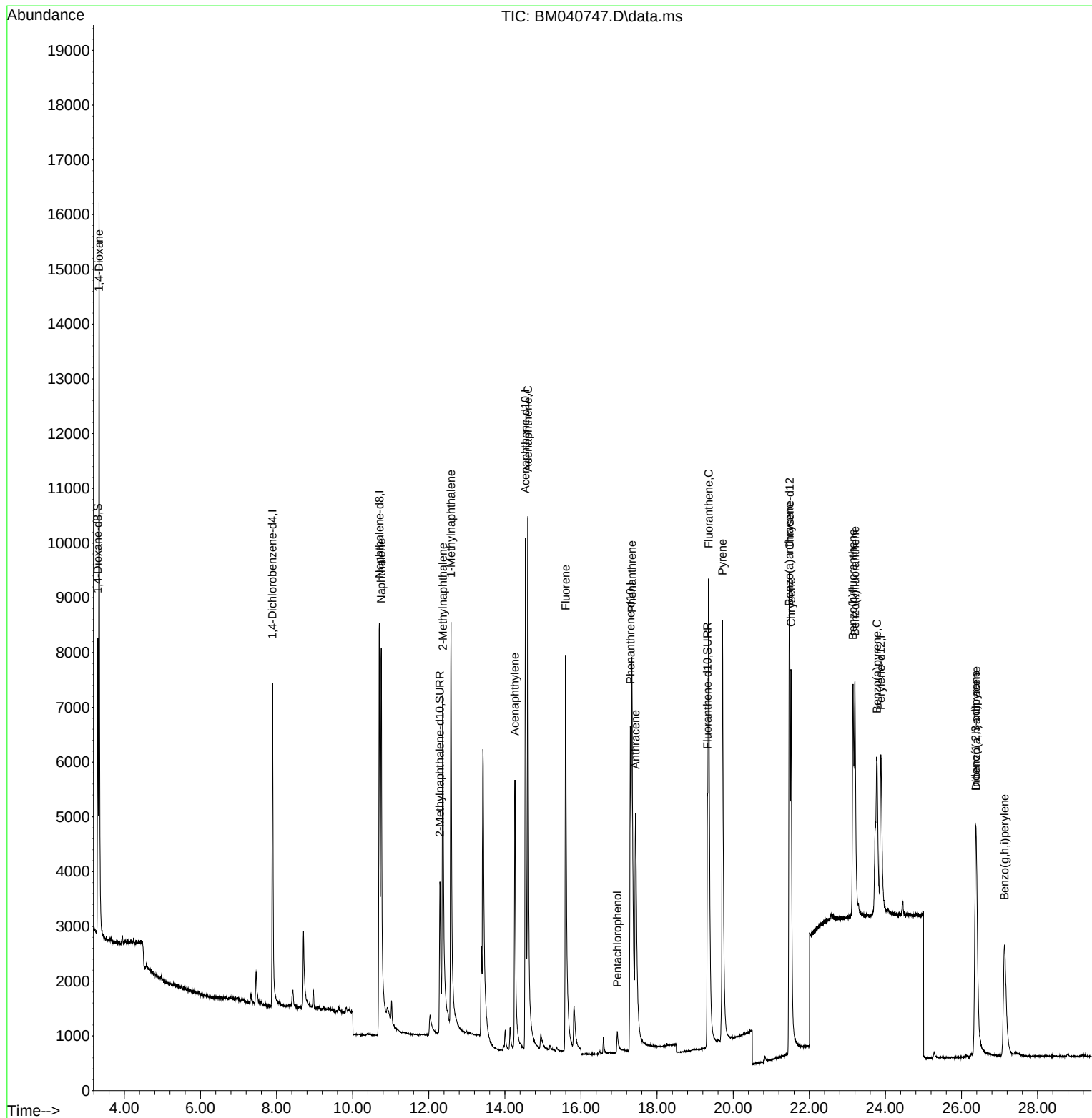
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3809	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	14815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	6753	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	12016	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	7313	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	5745	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3549	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	6334	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	8543	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	8502	1.396	ng/ul	88
5) Naphthalene	10.752	128	12338	0.302	ng/ul	98
7) 2-Methylnaphthalene	12.368	142	7214	0.301	ng/ul	97
8) 1-Methylnaphthalene	12.583	142	6809	0.284	ng/ul	99
10) Acenaphthylene	14.264	152	8893	0.295	ng/ul	96
11) Acenaphthene	14.606	153	7617	0.299	ng/ul	99
12) Fluorene	15.596	166	8115	0.298	ng/ul	98
14) Pentachlorophenol	16.957	266	549	0.237	ng/ul	97
15) Phenanthrene	17.337	178	10726	0.287	ng/ul	97
16) Anthracene	17.434	178	9558	0.305	ng/ul	95
19) Fluoranthene	19.357	202	10800	0.348	ng/ul	98
20) Pyrene	19.719	202	11445	0.344	ng/ul	97
21) Benzo(a)anthracene	21.469	228	7394	0.299	ng/ul	98
22) Chrysene	21.521	228	8644	0.306	ng/ul	99
24) Benzo(b)fluoranthene	23.149	252	7785	0.350	ng/ul	90
25) Benzo(k)fluoranthene	23.199	252	7524	0.343	ng/ul#	90
26) Benzo(a)pyrene	23.778	252	6341	0.317	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.371	276	8167	0.293	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.384	278	6372	0.292	ng/ul#	91
29) Benzo(g,h,i)perylene	27.129	276	7335	0.300	ng/ul	95

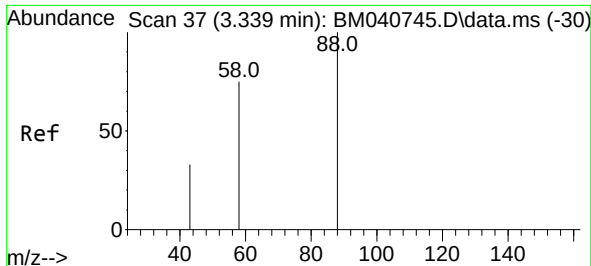
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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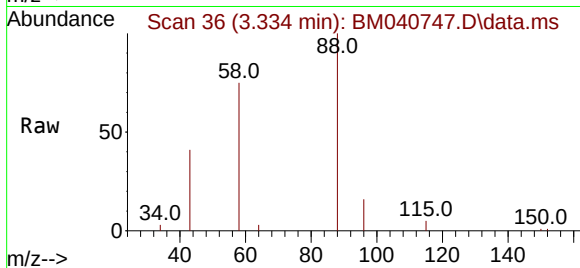
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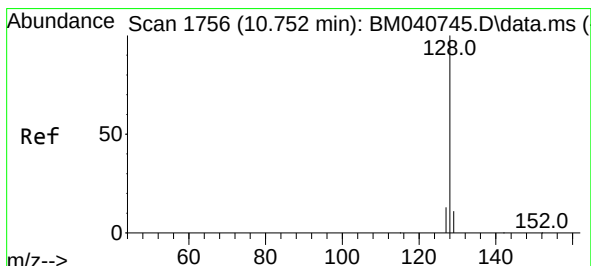
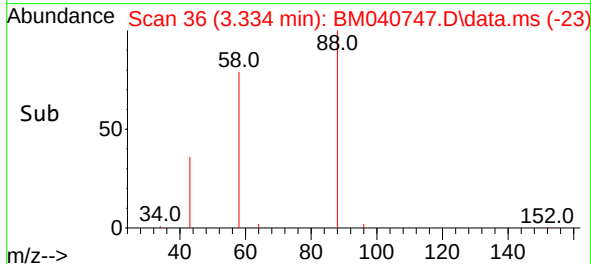
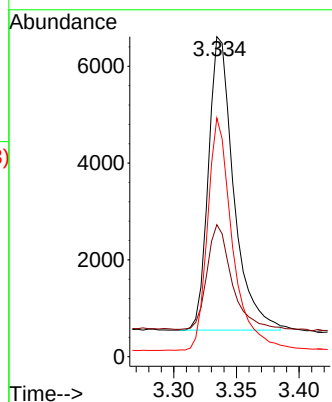
#2
1,4-Dioxane
Concen: 1.396 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 88 Resp: 8502

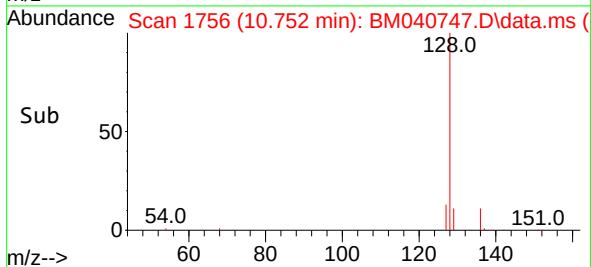
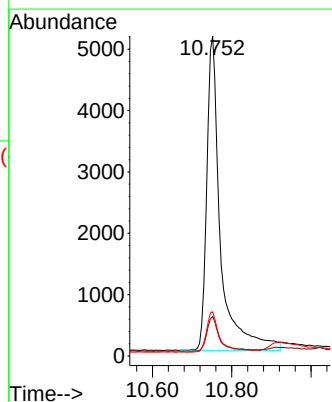
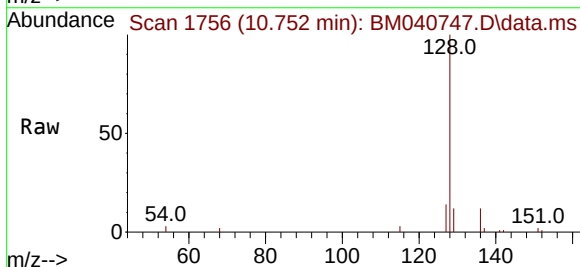
Ion	Ratio	Lower	Upper
88	100		
43	41.2	36.1	54.1
58	74.6	49.8	74.8

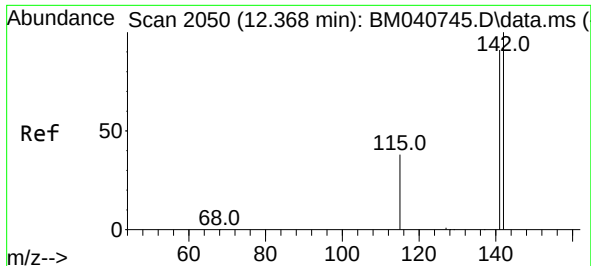


#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion: 128 Resp: 12338

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	13.8	10.6	15.8

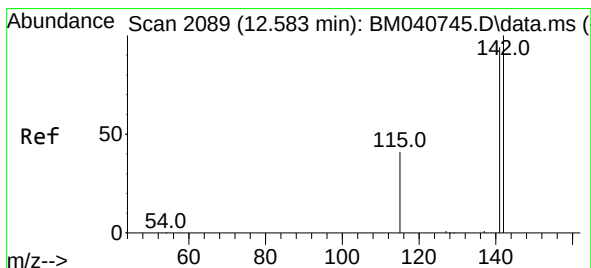
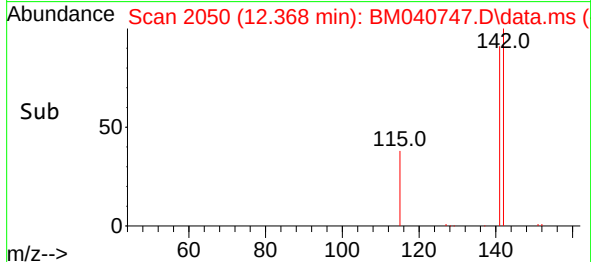
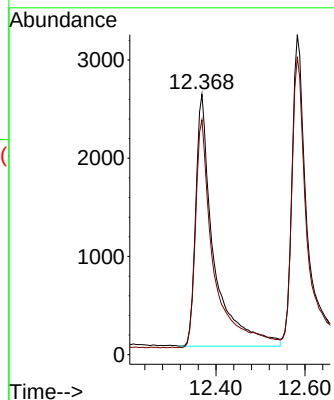
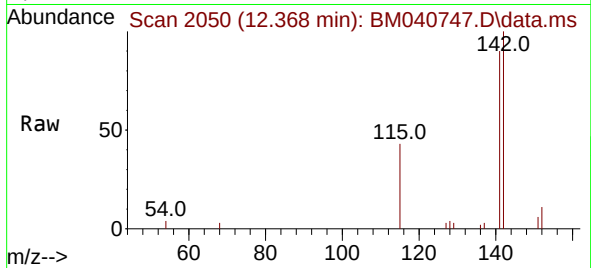




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

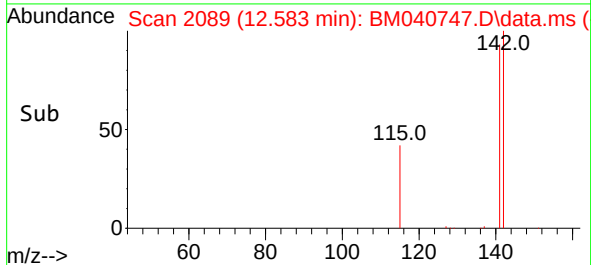
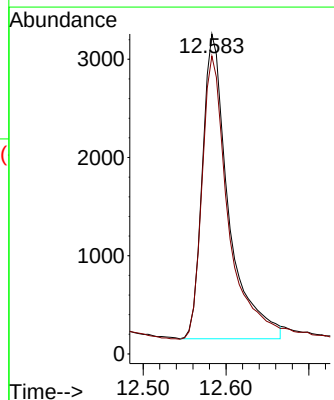
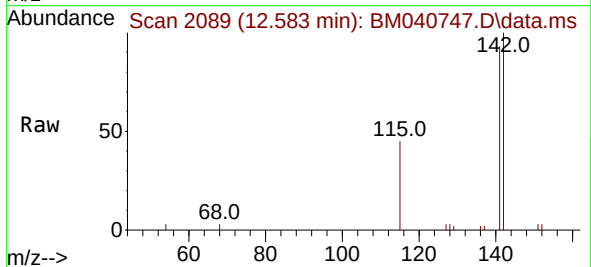
Instrument :
BNA_M
ClientSampleId :
SLCS845

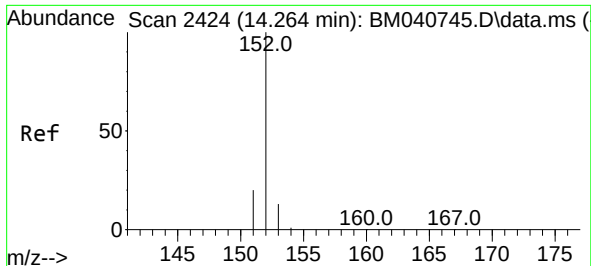
Tgt Ion:142 Resp: 7214
Ion Ratio Lower Upper
142 100
141 92.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:142 Resp: 6809
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5

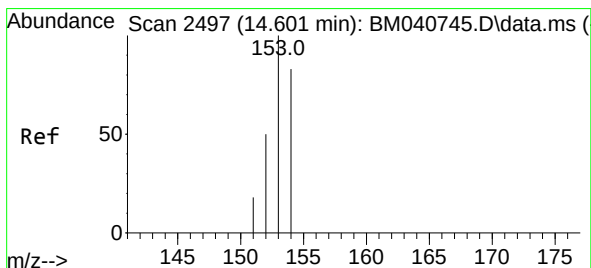
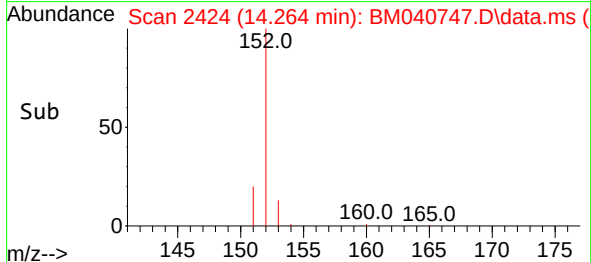
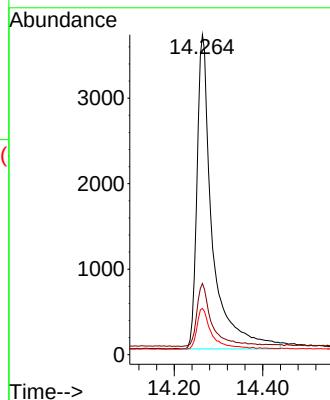
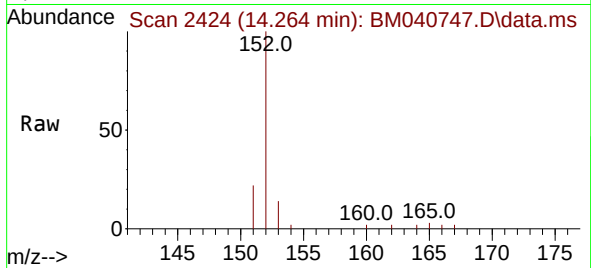




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

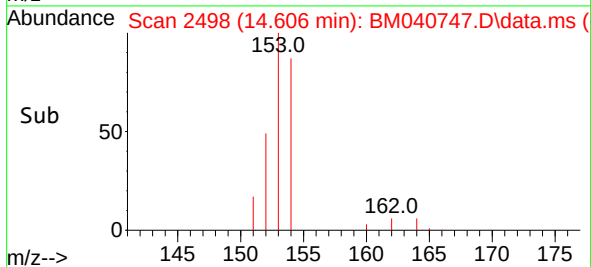
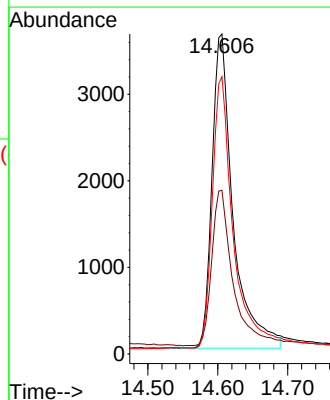
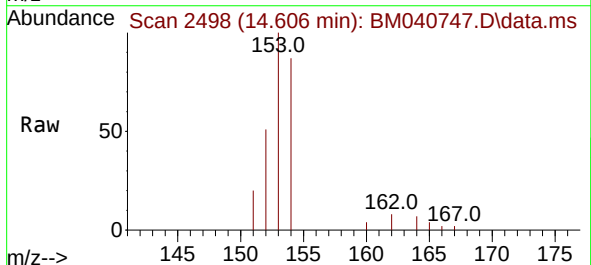
Instrument :
BNA_M
ClientSampleId :
SLCS845

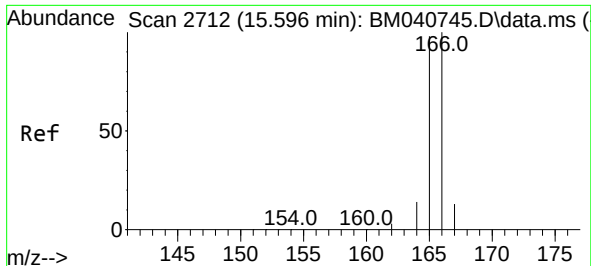
Tgt Ion:152 Resp: 8893
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2
153 14.5 10.9 16.3



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.606 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:153 Resp: 7617
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 86.7 70.8 106.2

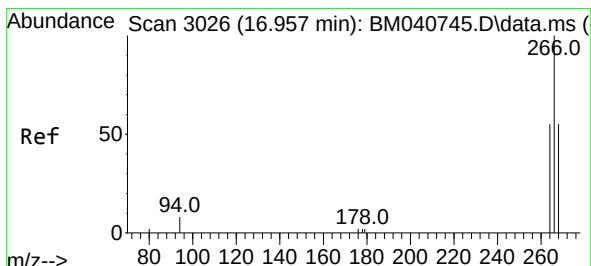
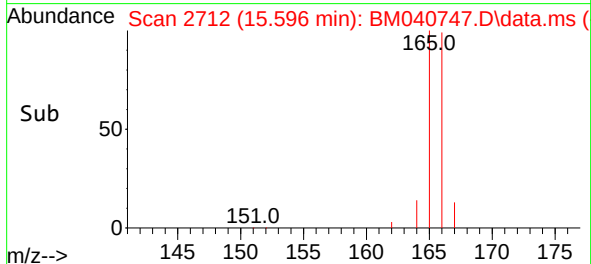
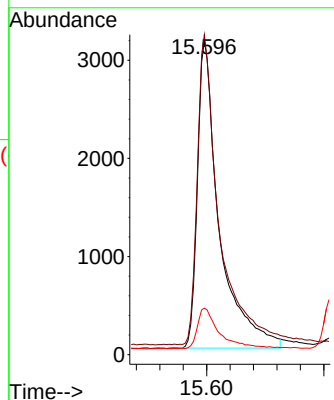
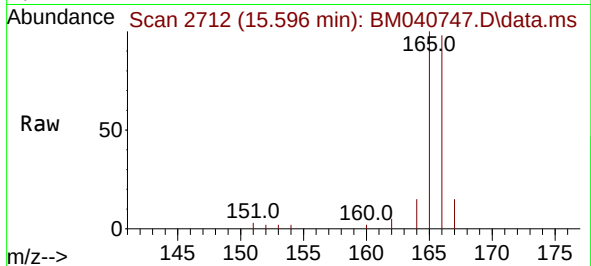




#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.596 min Scan# 2712
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

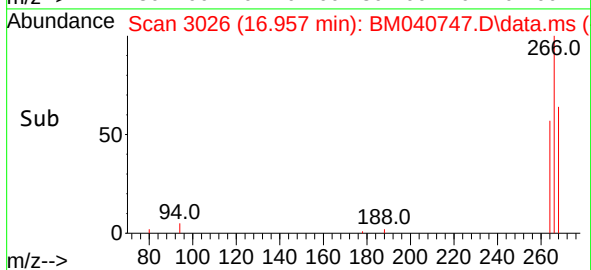
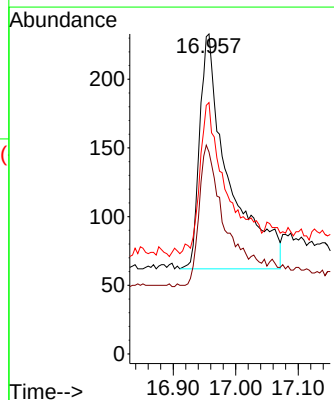
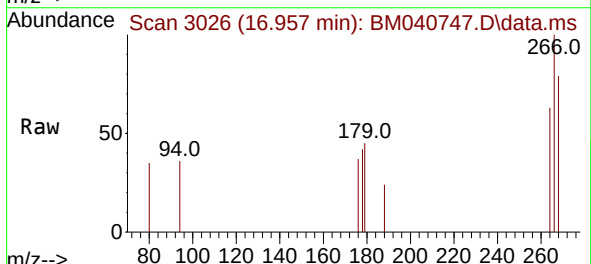
Instrument :
BNA_M
ClientSampleId :
SLCS845

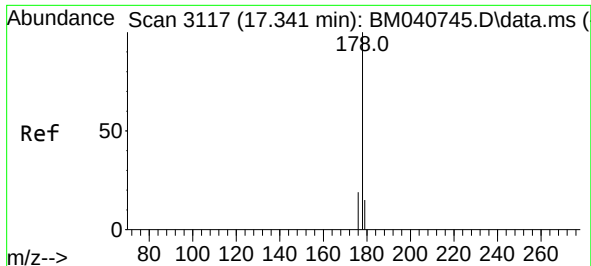
Tgt Ion:	166	Resp:	8115
Ion Ratio	Lower	Upper	
166	100		
165	101.9	79.6	119.4
167	14.8	11.4	17.0



#14
Pentachlorophenol
Concen: 0.237 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:	266	Resp:	549
Ion Ratio	Lower	Upper	
266	100		
264	60.1	45.4	68.0
268	59.9	47.2	70.8

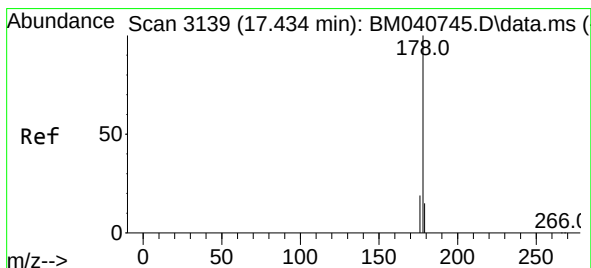
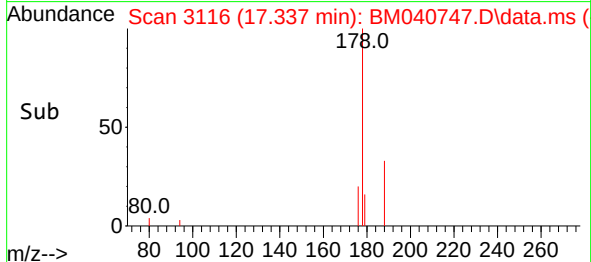
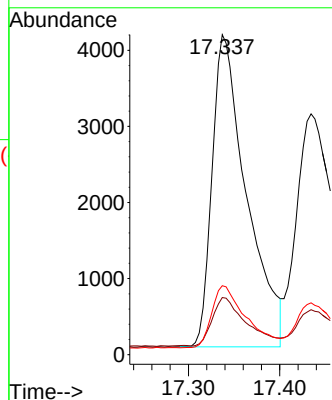
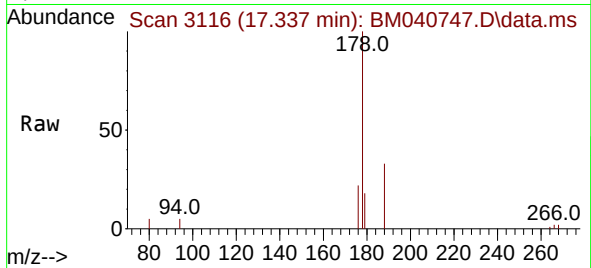




#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

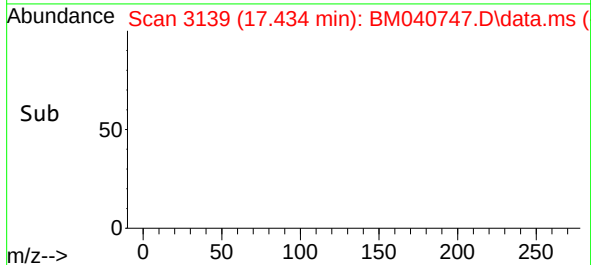
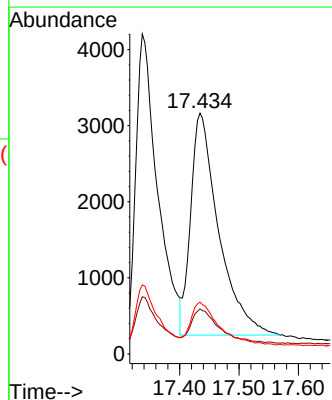
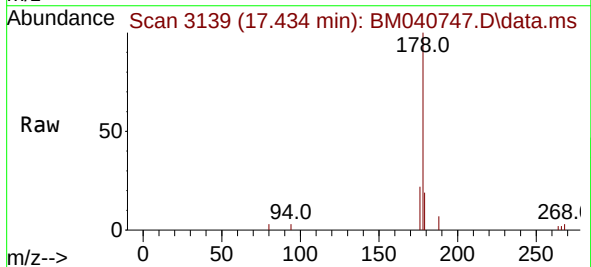
Instrument :
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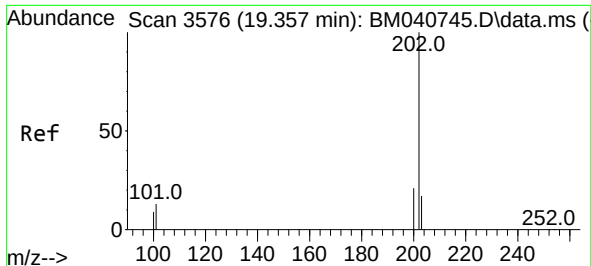
Tgt Ion:178 Resp: 10726
Ion Ratio Lower Upper
178 100
179 17.9 12.8 19.2
176 21.6 16.4 24.6



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:178 Resp: 9558
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 21.5 15.8 23.6

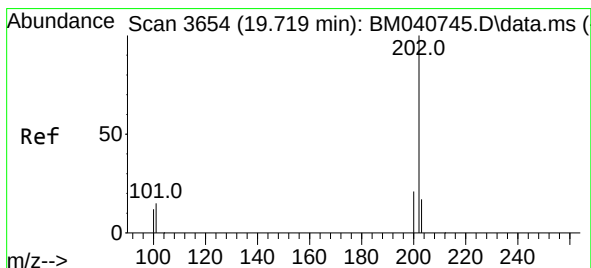
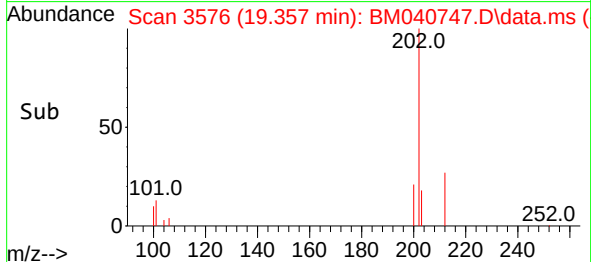
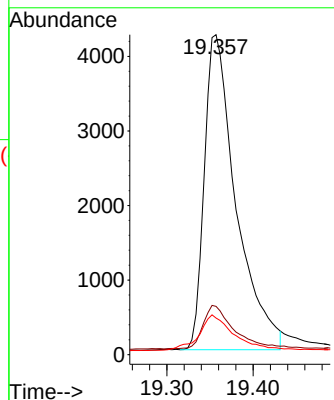
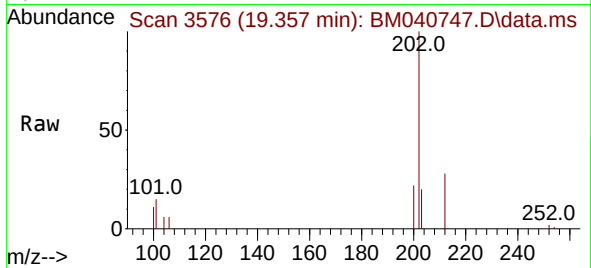




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.357 min Scan# 3576
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

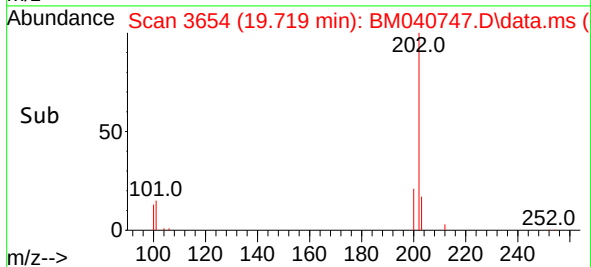
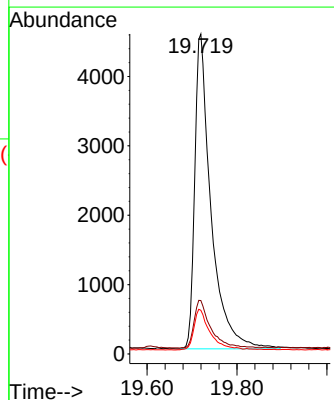
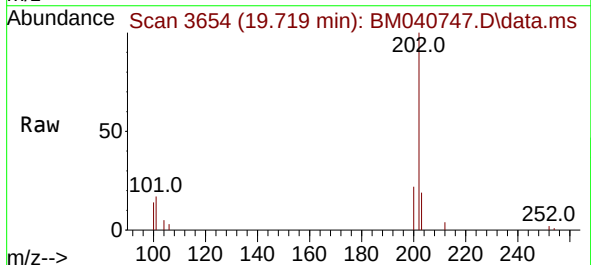
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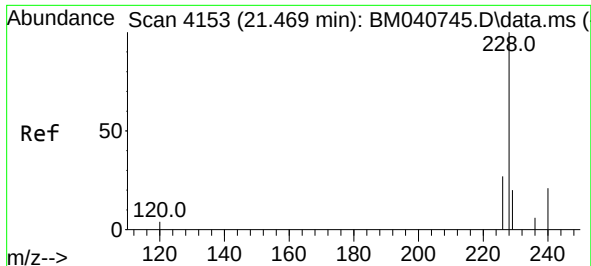
Tgt Ion:	202	Resp:	10800
Ion Ratio	Lower	Upper	
202	100		
101	15.1	11.4	17.0
100	11.4	8.7	13.1



#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.719 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:	202	Resp:	11445
Ion Ratio	Lower	Upper	
202	100		
101	16.7	12.6	18.8
100	13.7	9.8	14.6

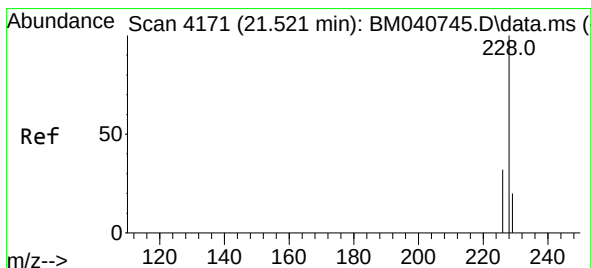
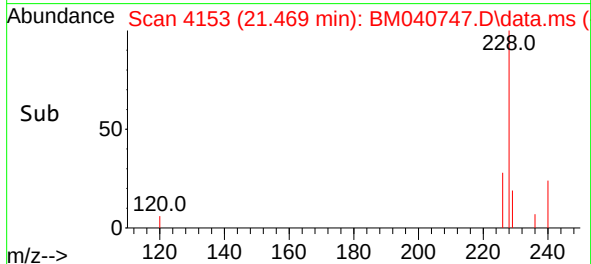
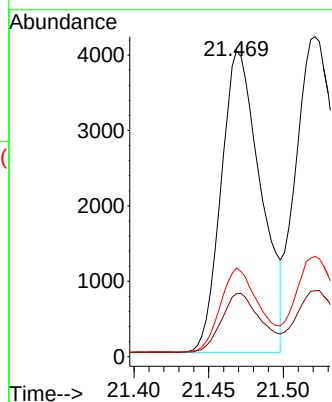
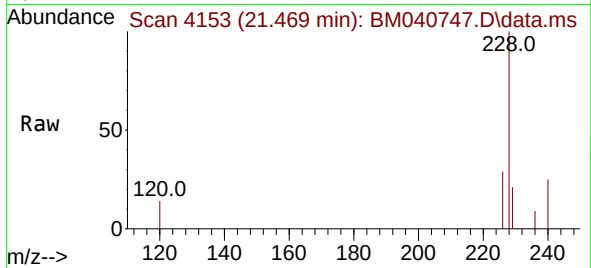




#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.469 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

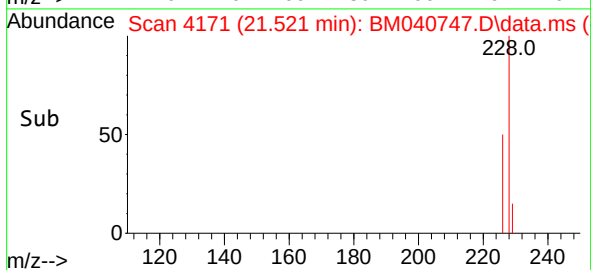
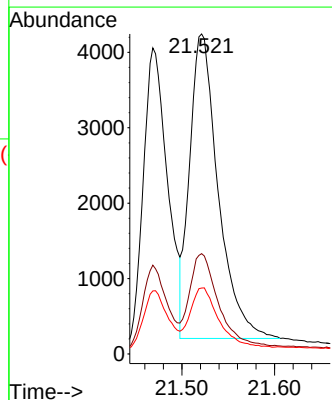
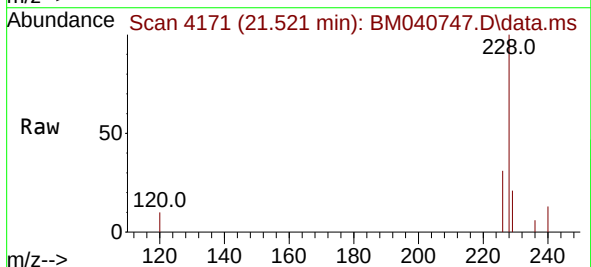
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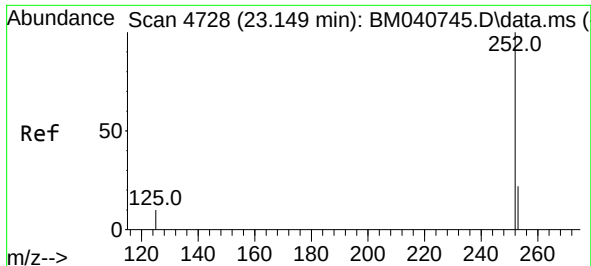
Tgt Ion:228	Resp:	7394	
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	29.0	22.3	33.5



#22
Chrysene
Concen: 0.306 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:228	Resp:	8644	
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.6	15.8	23.6

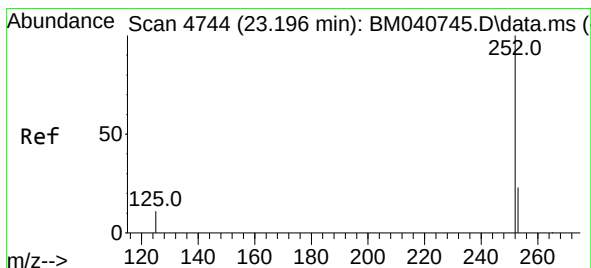
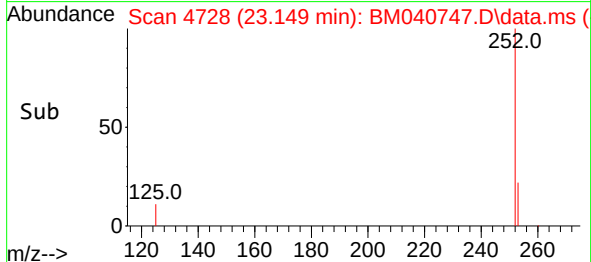
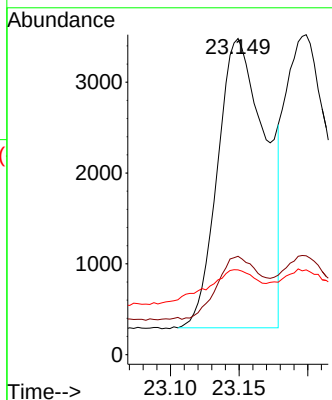
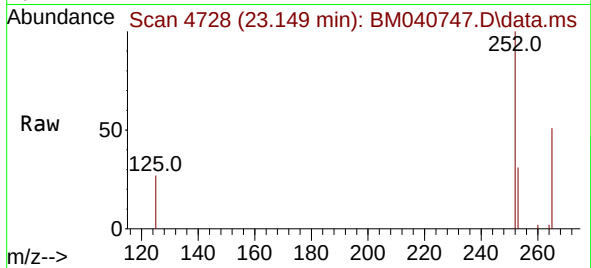




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

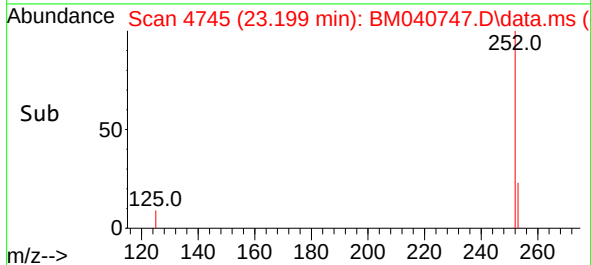
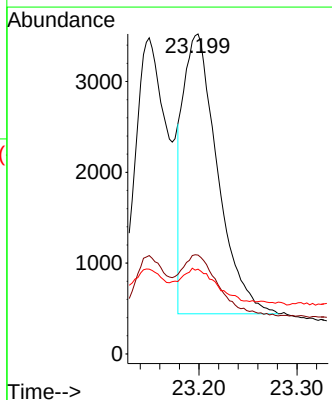
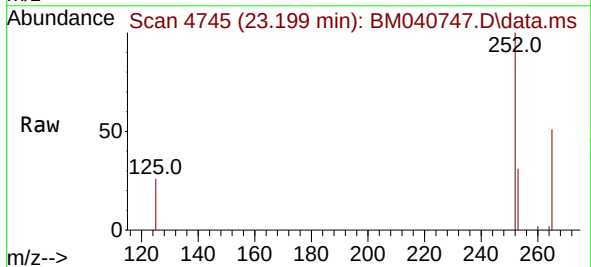
Instrument :
BNA_M
ClientSampleId :
SLCS845

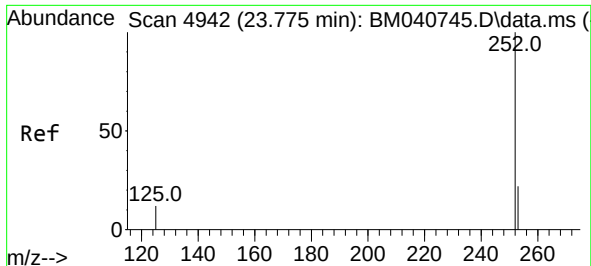
Tgt Ion:252	Resp:	7785
Ion	Ratio	Lower Upper
252	100	
253	31.1	0.0 52.8
125	26.8	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.199 min Scan# 4745
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:252	Resp:	7524
Ion	Ratio	Lower Upper
252	100	
253	30.9	21.2 31.8
125	26.5	16.4 24.6

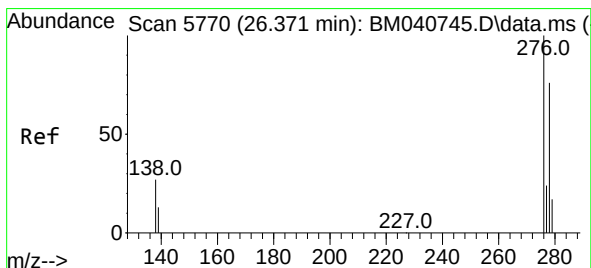
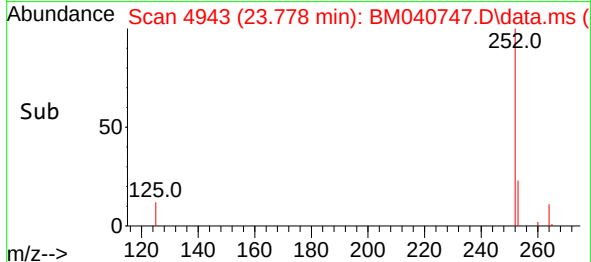
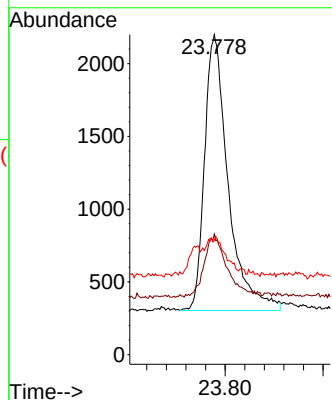
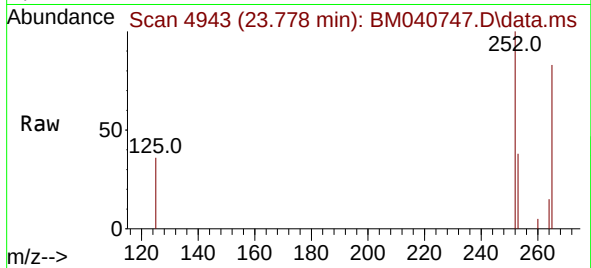




#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.778 min Scan# 4943
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

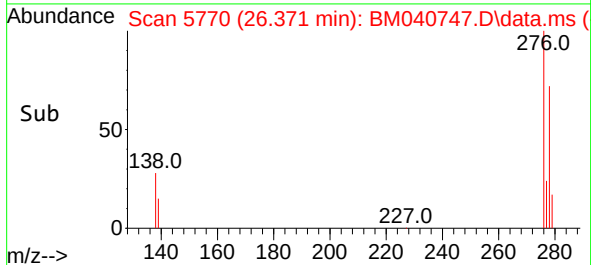
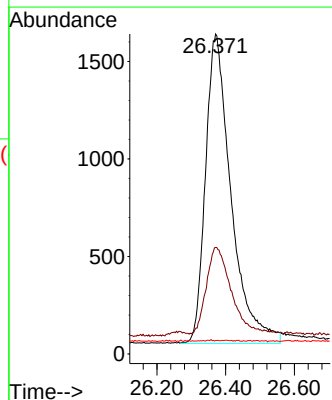
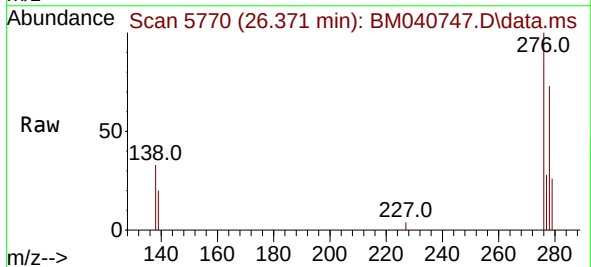
Instrument :
BNA_M
ClientSampleId :
SLCS845

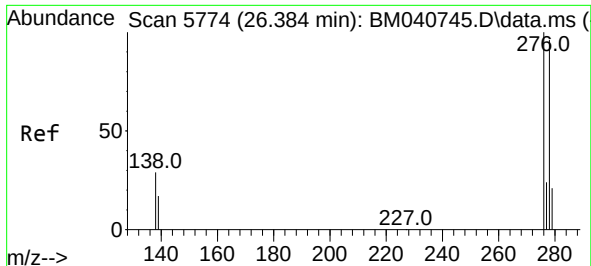
Tgt Ion:252 Resp: 6341
Ion Ratio Lower Upper
252 100
253 37.7 22.9 34.3#
125 35.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 26.371 min Scan# 5770
Delta R.T. -0.007 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:276 Resp: 8167
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.1 0.1 0.1#

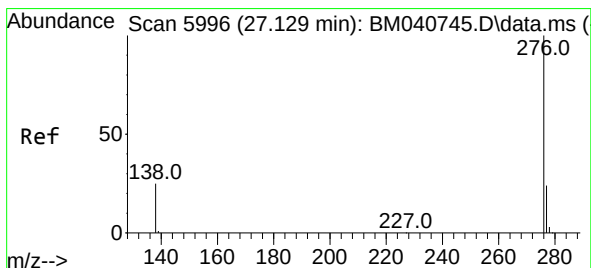
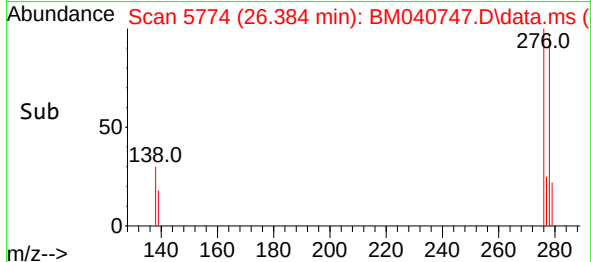
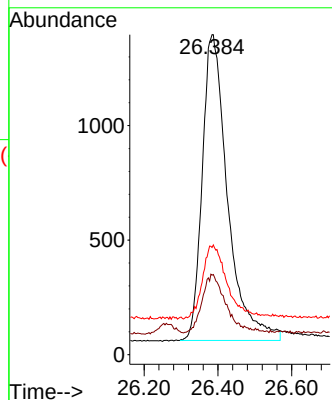
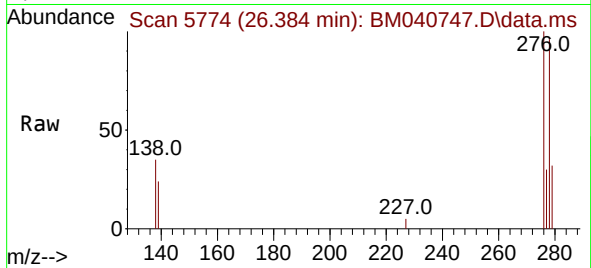




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.384 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS845

Tgt Ion:278 Resp: 6372
Ion Ratio Lower Upper
278 100
139 24.8 17.9 26.9
279 33.5 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.129 min Scan# 5996
Delta R.T. -0.007 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Tgt Ion:276 Resp: 7335
Ion Ratio Lower Upper
276 100
138 30.5 23.0 34.6
277 29.2 20.3 30.5

