

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)

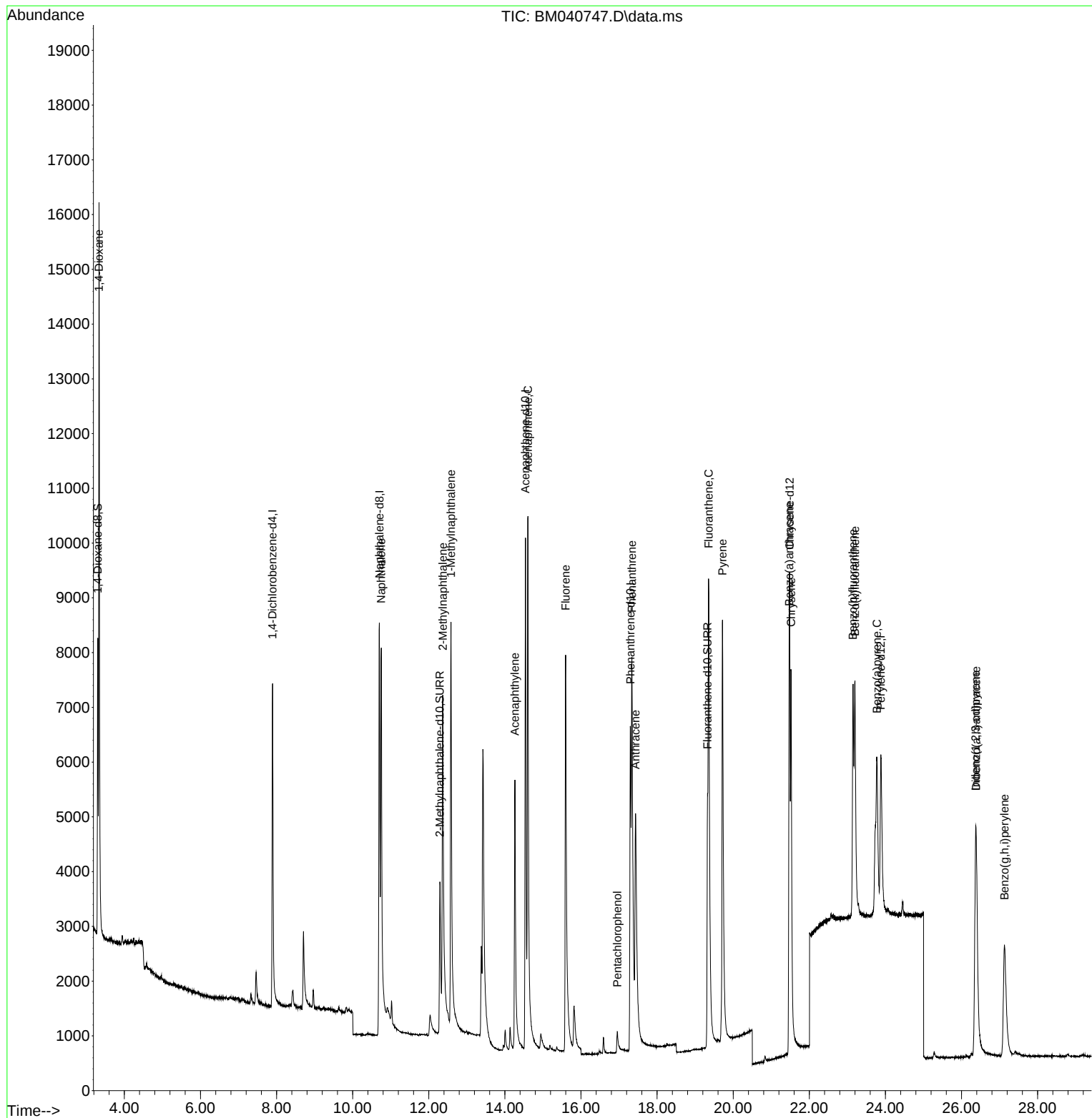
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3809	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	14815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	6753	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	12016	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	7313	0.400	ng/ul	0.00
23) Perylene-d12	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

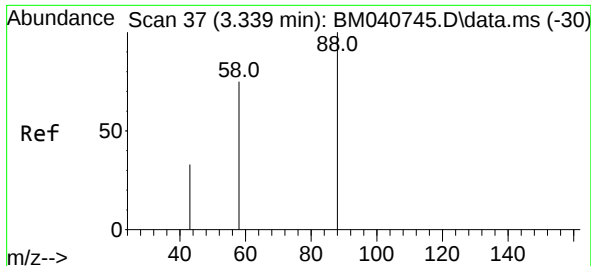
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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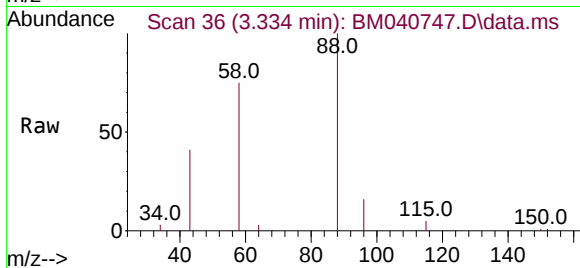
Quant Time: Jul 08 23:32:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 22:50:20 2023
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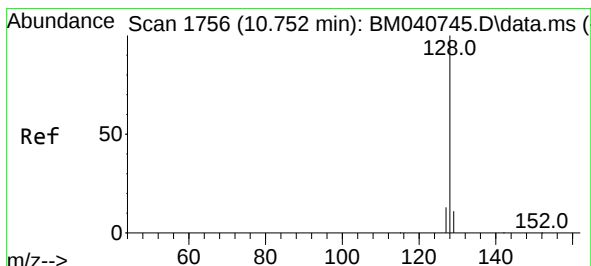
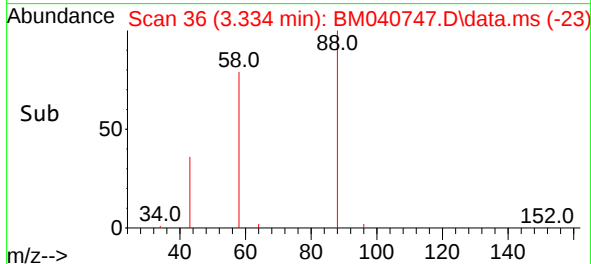
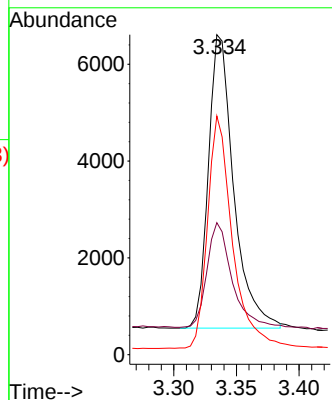
#2
1,4-Dioxane
Concen: 1.396 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Instrument :
BNA_M
ClientSampleId :
SLCS845



Tgt Ion: 88 Resp: 8502

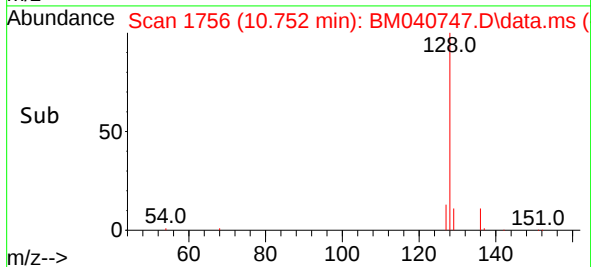
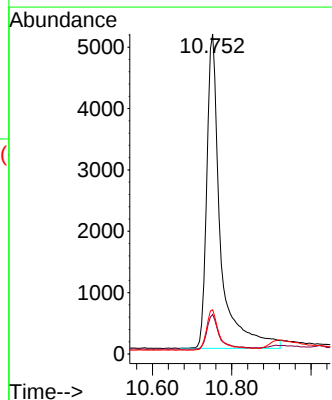
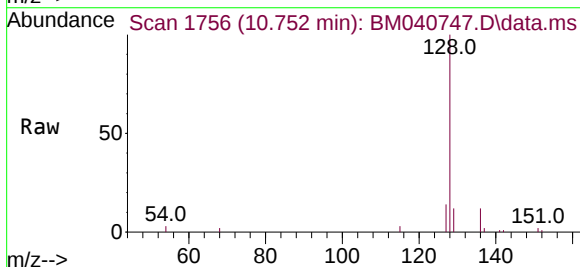
Ion	Ratio	Lower	Upper
88	100		
43	41.2	36.1	54.1
58	74.6	49.8	74.8

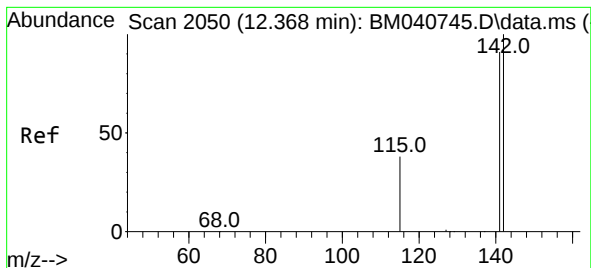


#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.752 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

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

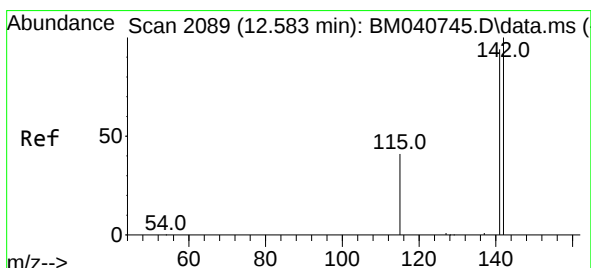
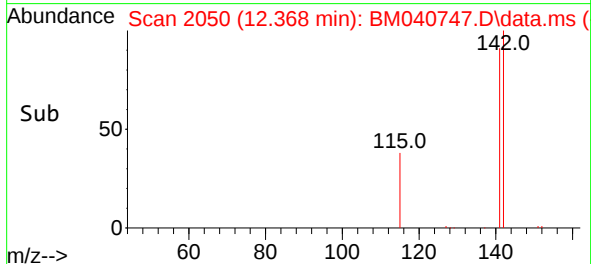
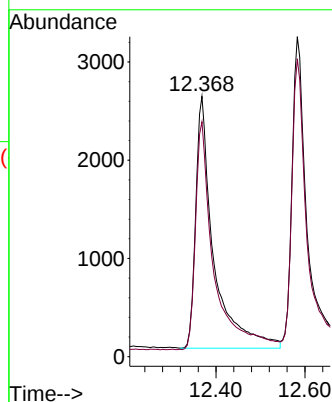
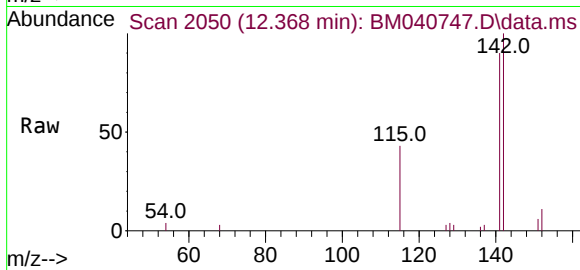




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

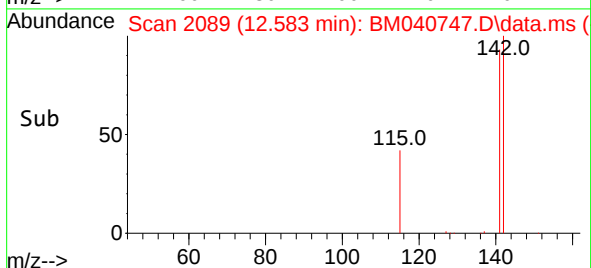
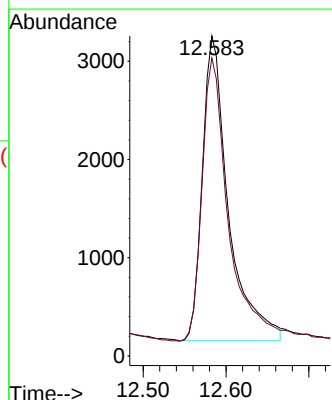
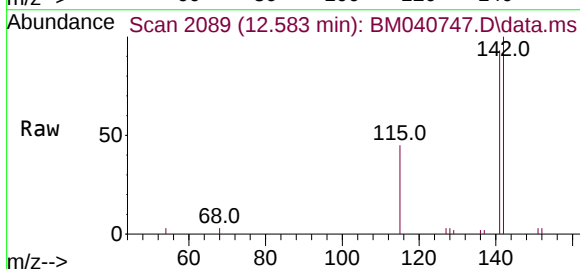
Instrument :
BNA_M
ClientSampleId :
SLCS845

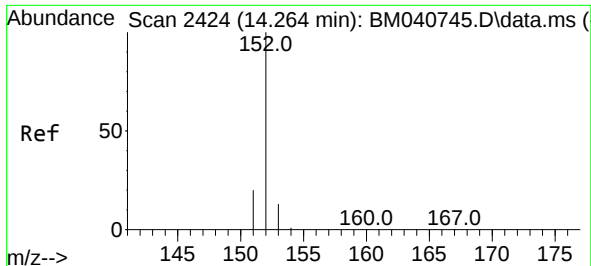
Tgt Ion:142 Resp: 7214
Ion Ratio Lower Upper
142 100
141 92.7 71.9 107.9



#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

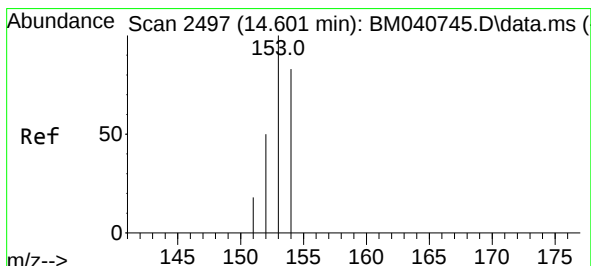
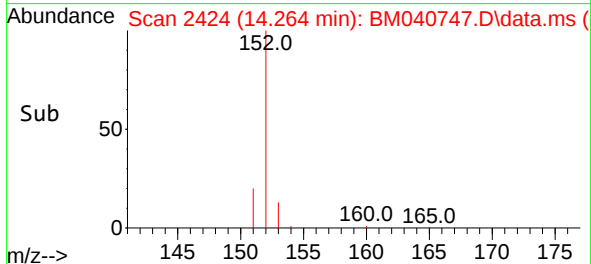
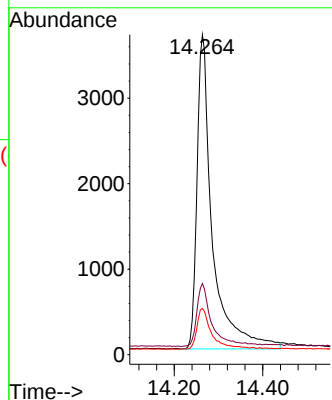
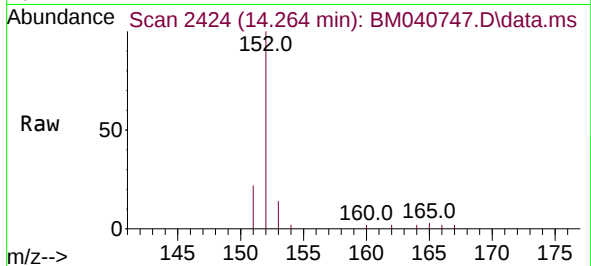




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

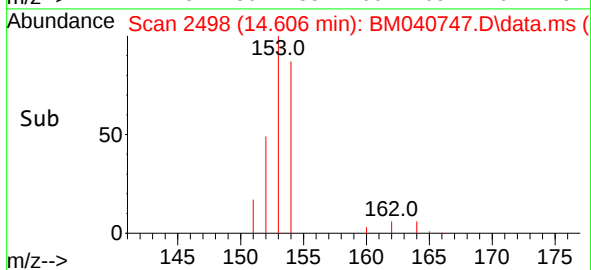
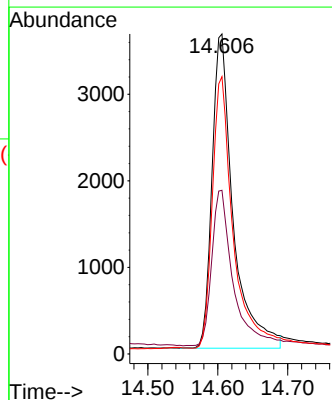
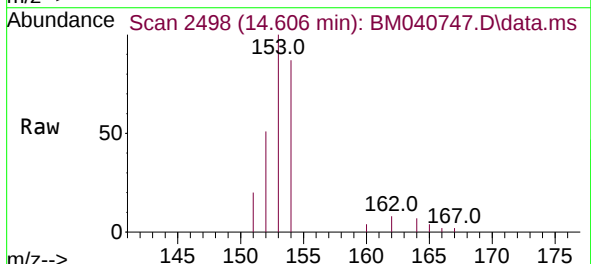
Instrument :
BNA_M
ClientSampleId :
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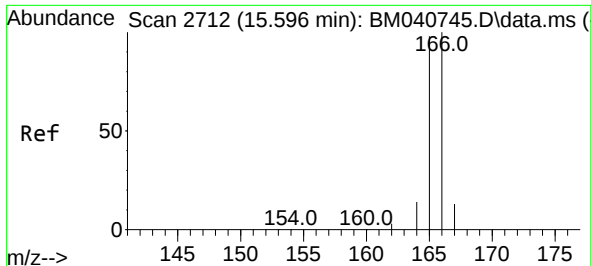
Tgt Ion:	152	Resp:	8893
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.2	24.2
153	14.5	10.9	16.3



#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

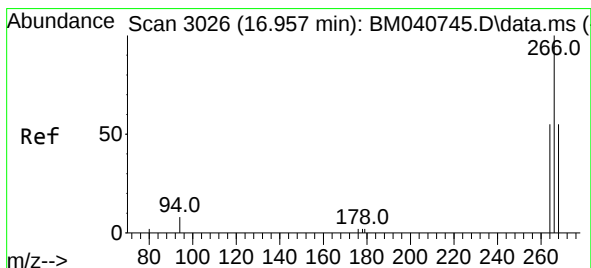
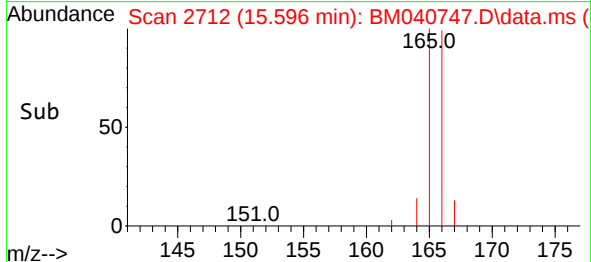
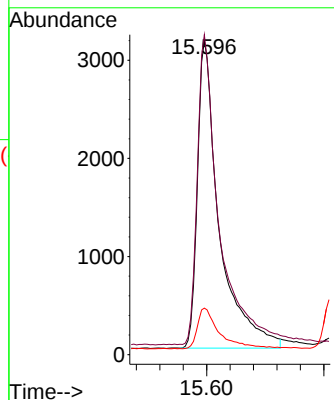
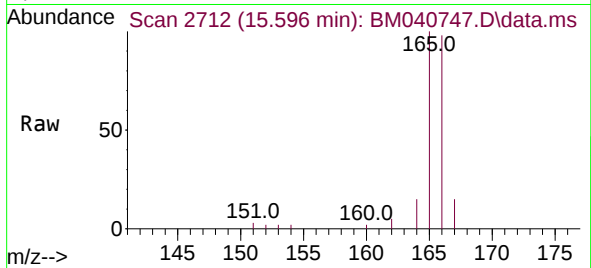




#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.596 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

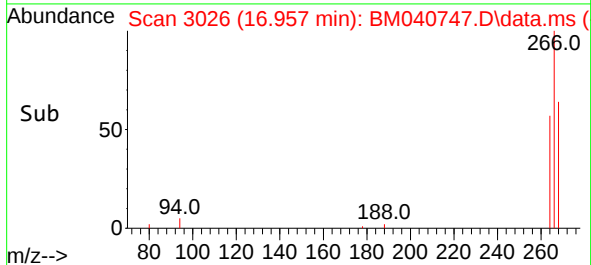
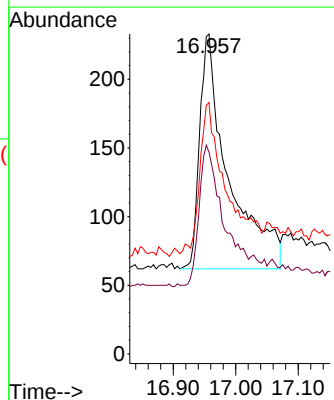
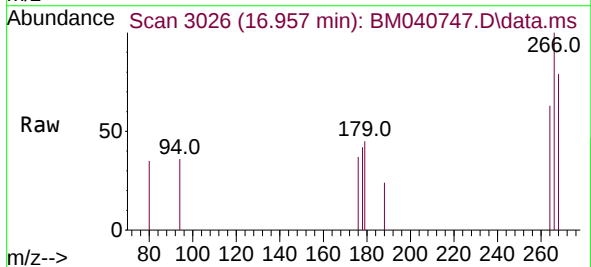
Instrument :
BNA_M
ClientSampleId :
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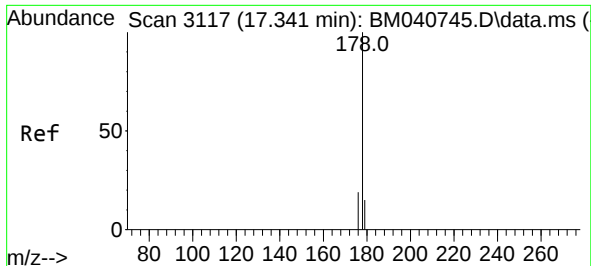
Tgt Ion:166 Resp: 8115
Ion Ratio Lower Upper
166 100
165 101.9 79.6 119.4
167 14.8 11.4 17.0



#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

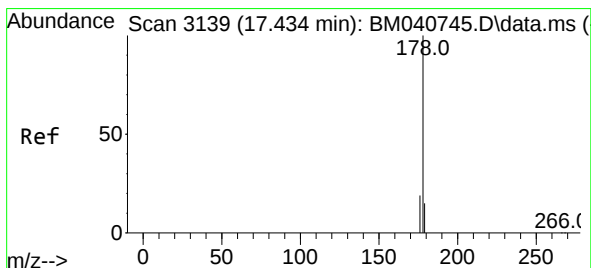
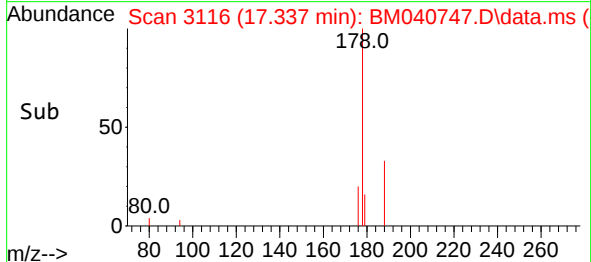
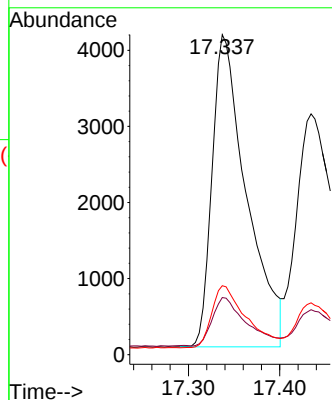
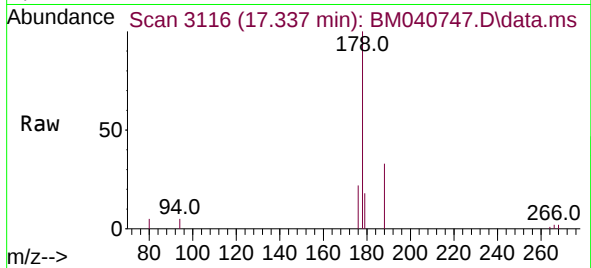




#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

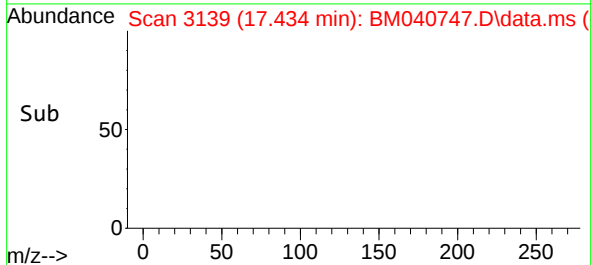
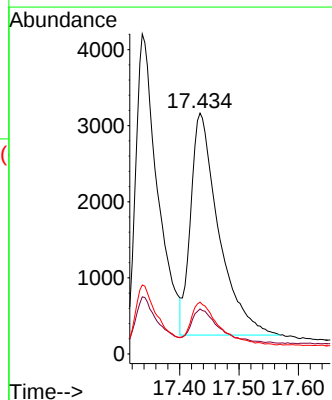
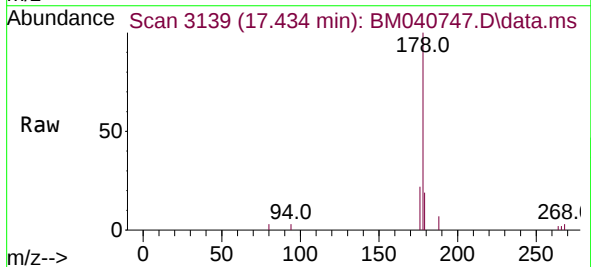
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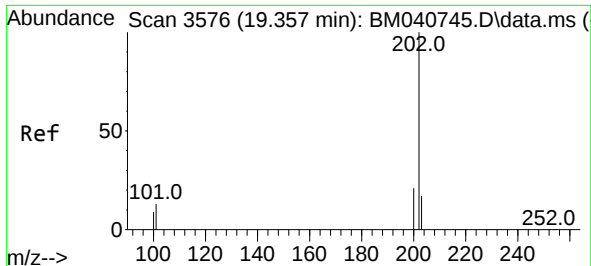
Tgt Ion:178 Resp: 10726
Ion Ratio Lower Upper
178 100
179 17.9 12.8 19.2
176 21.6 16.4 24.6



#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

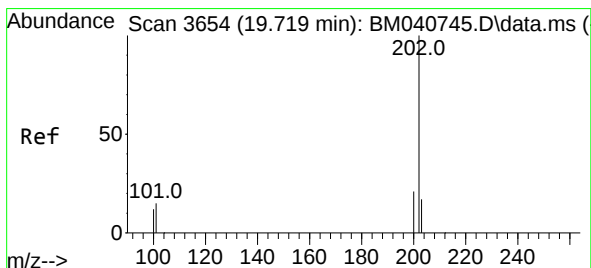
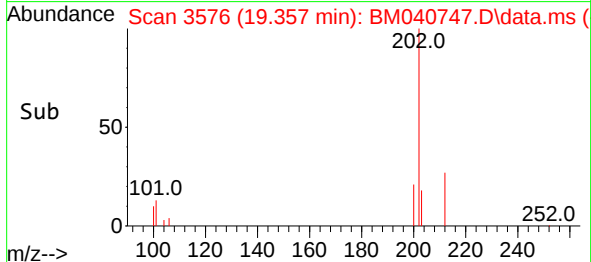
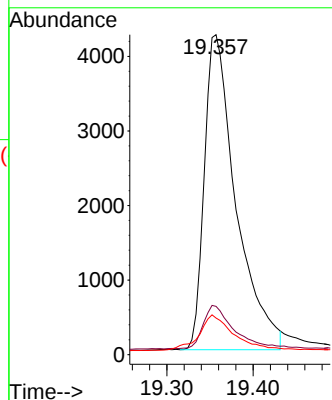
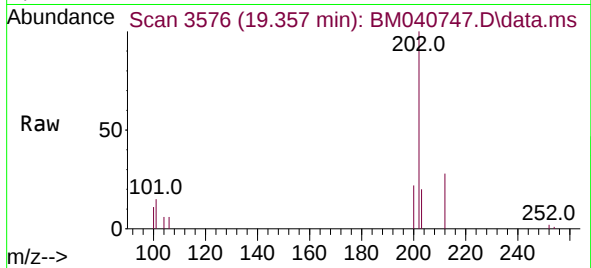




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.357 min Scan# 3576
Delta R.T. -0.000 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

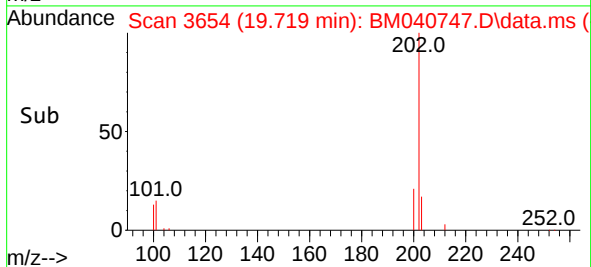
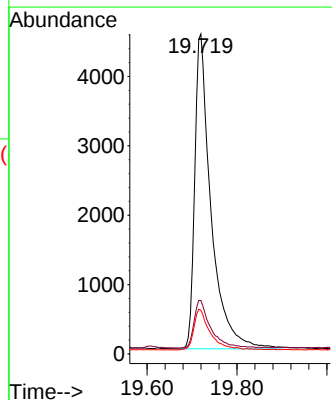
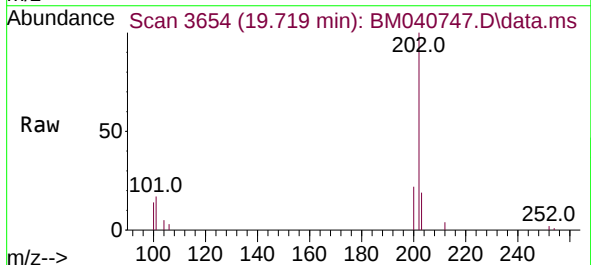
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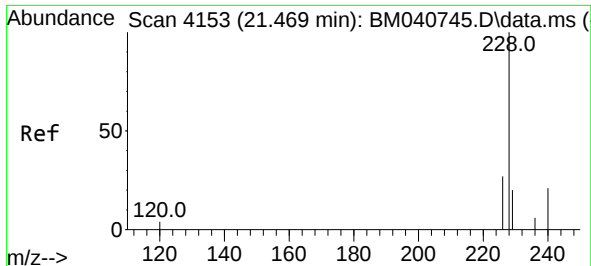
Tgt Ion:202 Resp: 10800
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 11.4 8.7 13.1



#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

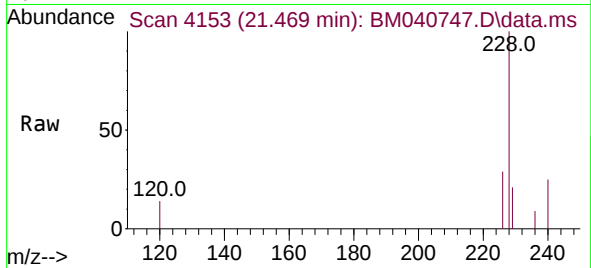
Tgt Ion:202 Resp: 11445
Ion Ratio Lower Upper
202 100
101 16.7 12.6 18.8
100 13.7 9.8 14.6



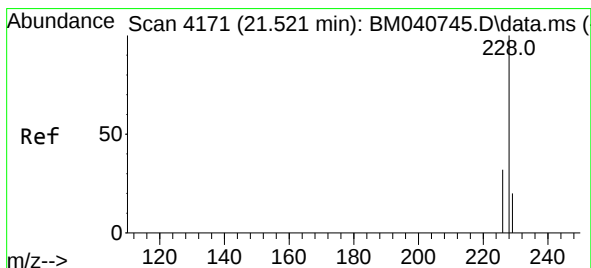
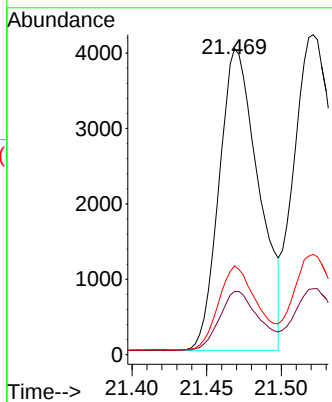
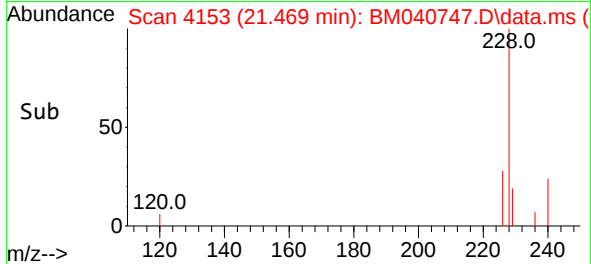


#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.469 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

Instrument :
BNA_M
ClientSampleId :
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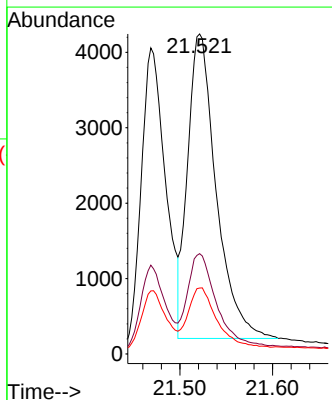
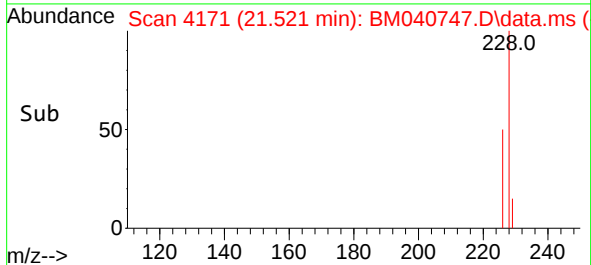
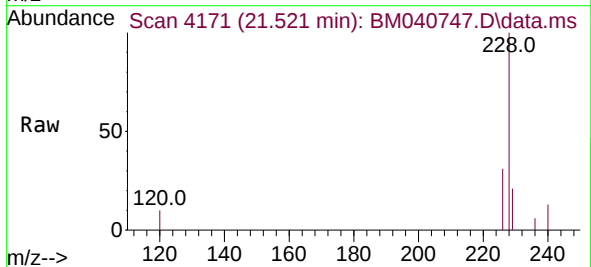


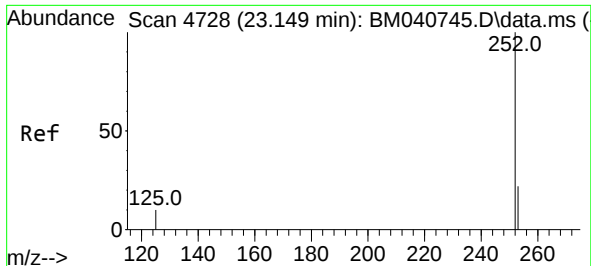
Tgt Ion:228 Resp: 7394
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 29.0 22.3 33.5



#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

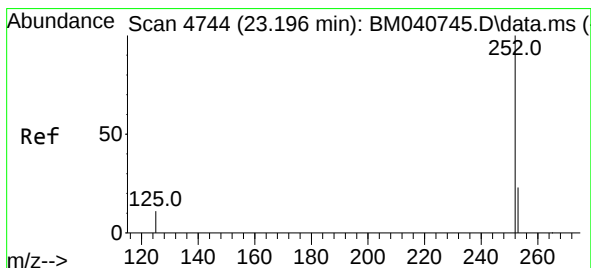
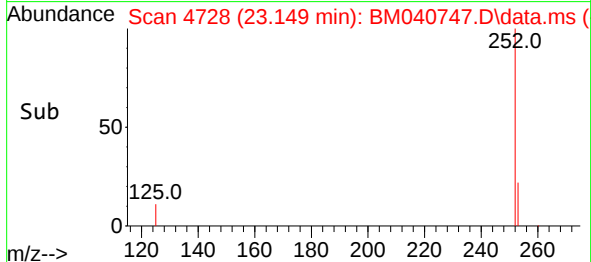
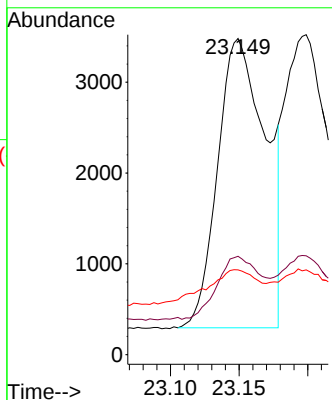
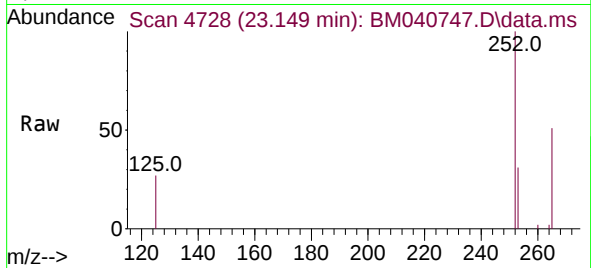




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

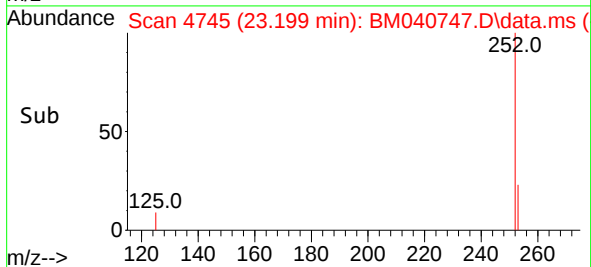
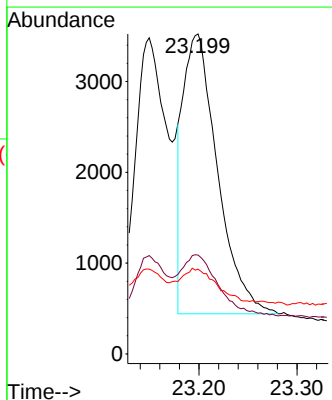
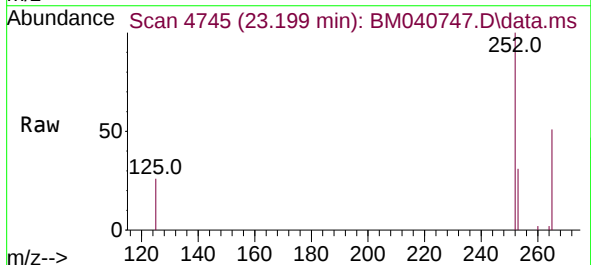
Instrument :
BNA_M
ClientSampleId :
SLCS845

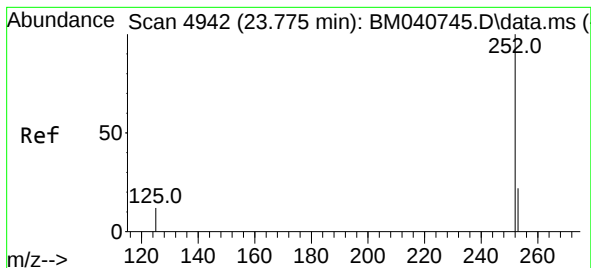
Tgt Ion:252 Resp: 7785
Ion Ratio Lower Upper
252 100
253 31.1 0.0 52.8
125 26.8 0.0 43.0



#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# 4942

Delta R.T. -0.003 min

Lab File: BM040747.D

Acq: 08 Jul 2023 19:46

Instrument :

BNA_M

ClientSampleId :

SLCS845

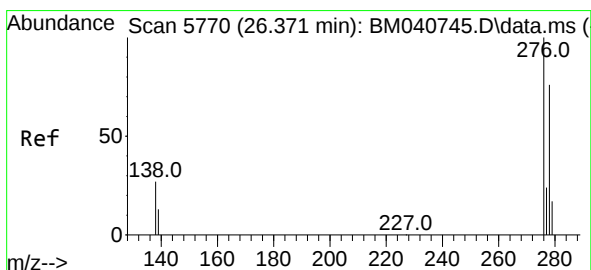
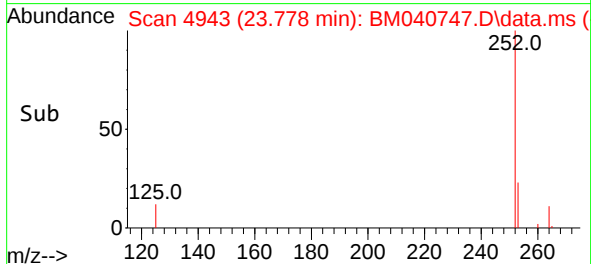
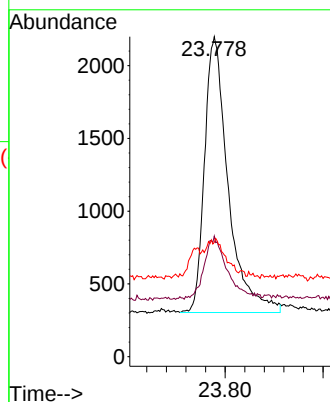
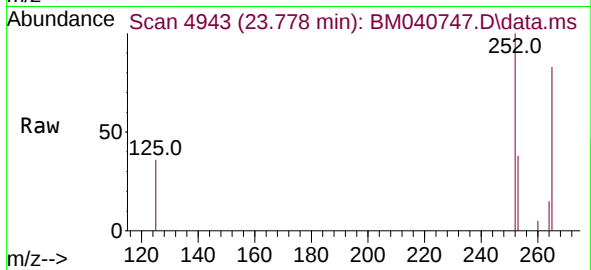
Tgt Ion:252 Resp: 6341

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

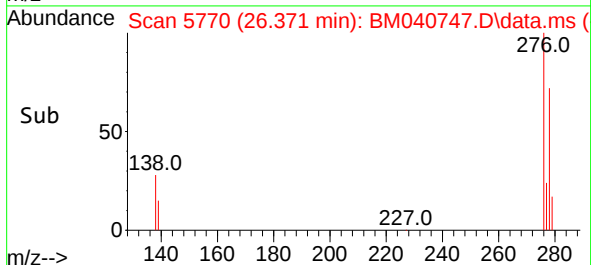
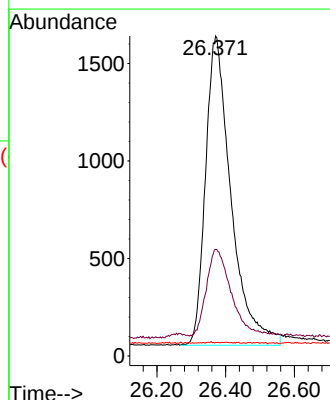
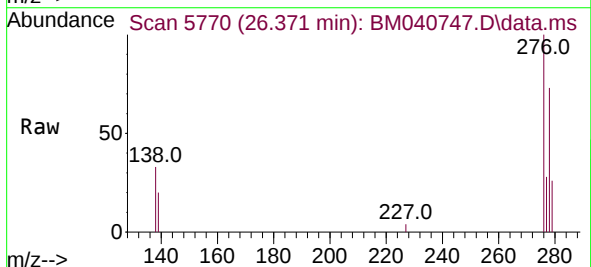
Tgt Ion:276 Resp: 8167

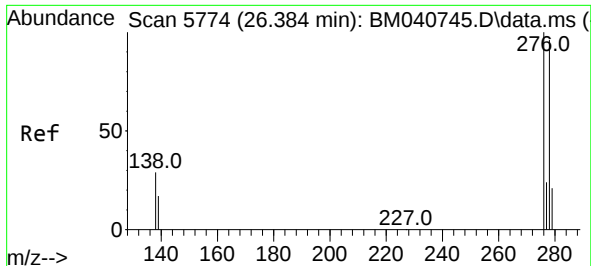
Ion Ratio Lower Upper

276 100

138 27.8 24.5 36.7

227 0.1 0.1 0.1#

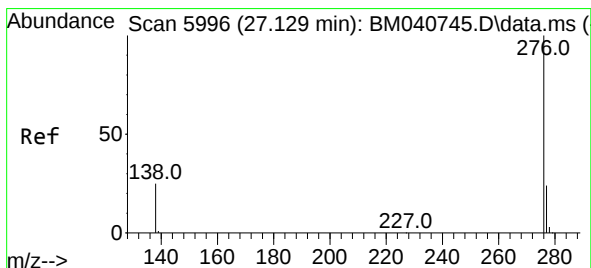
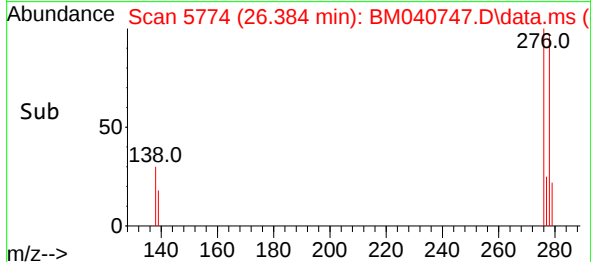
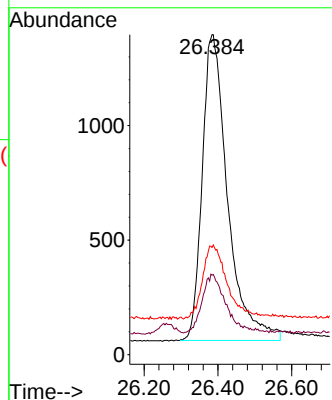
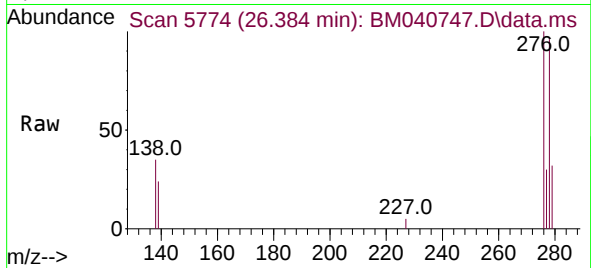




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.384 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040747.D
Acq: 08 Jul 2023 19:46

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

