

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040741.D
 Acq On : 08 Jul 2023 15:23
 Operator : MA/JU
 Sample : PB153820BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS820

Quant Time: Jul 08 22:58:43 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)

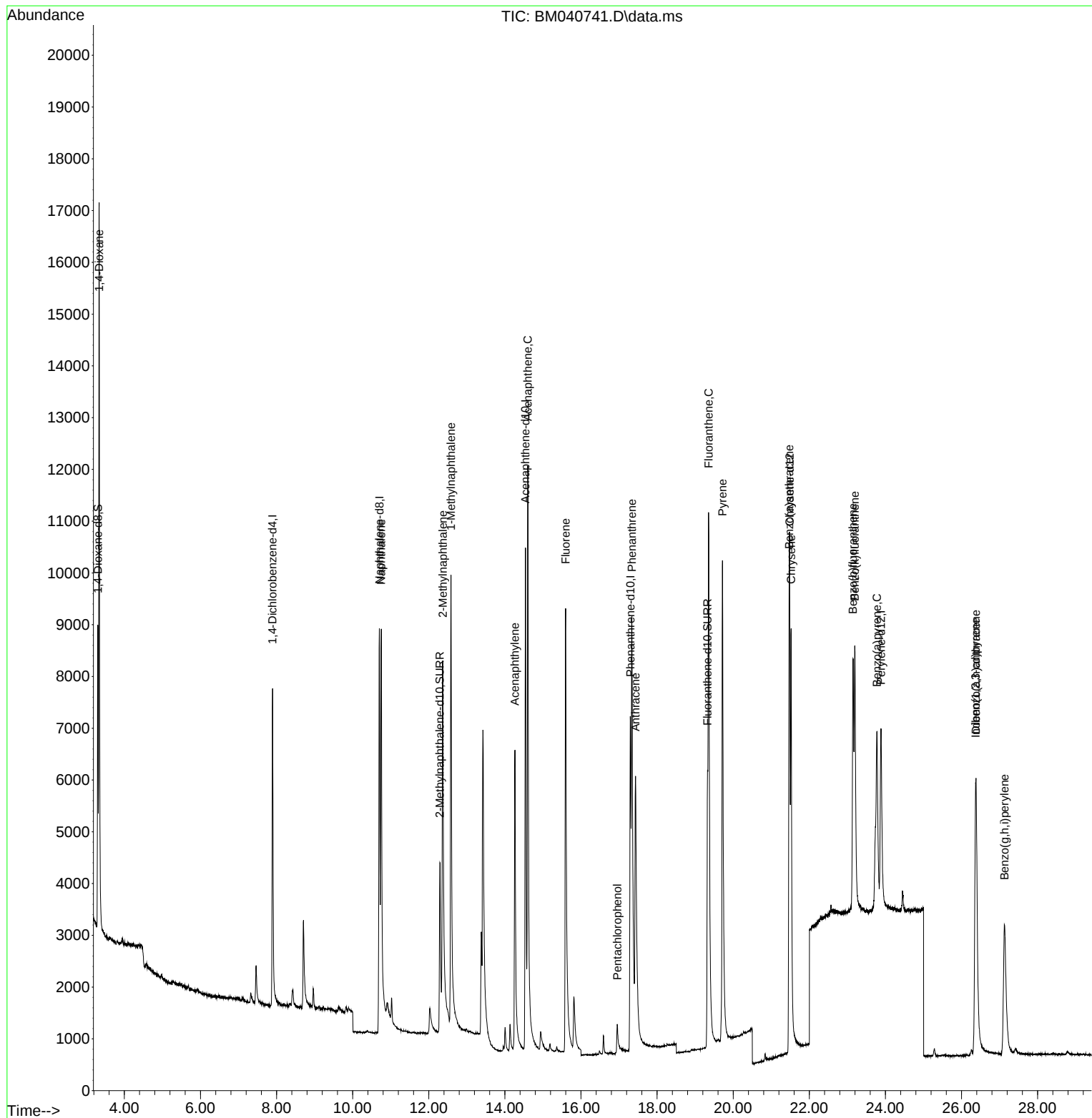
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3769	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	14760	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.541	164	6977	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	12593	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	7706	0.400	ng/ul	0.00
23) Perylene-d12	23.886	264	6556	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3657	0.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	7079	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	9768	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	9181	1.524	ng/ul	91
5) Naphthalene	10.752	128	13408	0.329	ng/ul	99
7) 2-Methylnaphthalene	12.368	142	8063	0.337	ng/ul	97
8) 1-Methylnaphthalene	12.583	142	7633	0.319	ng/ul	98
10) Acenaphthylene	14.264	152	10186	0.327	ng/ul	97
11) Acenaphthene	14.601	153	8530	0.324	ng/ul	98
12) Fluorene	15.596	166	9164	0.326	ng/ul	98
14) Pentachlorophenol	16.953	266	748	0.308	ng/ul	89
15) Phenanthrene	17.337	178	12338	0.315	ng/ul	98
16) Anthracene	17.434	178	11158	0.339	ng/ul	96
19) Fluoranthene	19.352	202	12475	0.381	ng/ul	99
20) Pyrene	19.719	202	13005	0.371	ng/ul	98
21) Benzo(a)anthracene	21.469	228	8951	0.343	ng/ul	99
22) Chrysene	21.521	228	9770	0.329	ng/ul	99
24) Benzo(b)fluoranthene	23.149	252	8522	0.336	ng/ul	90
25) Benzo(k)fluoranthene	23.196	252	9245	0.370	ng/ul#	91
26) Benzo(a)pyrene	23.778	252	7544	0.330	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.371	276	9573	0.301	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.381	278	7465	0.300	ng/ul	94
29) Benzo(g,h,i)perylene	27.129	276	8582	0.308	ng/ul	97

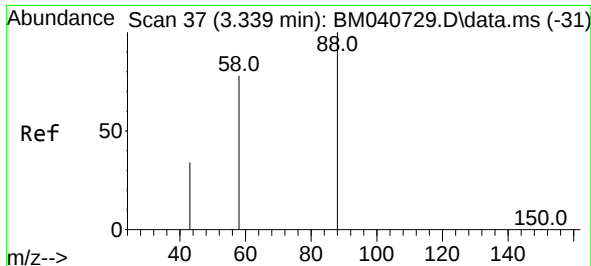
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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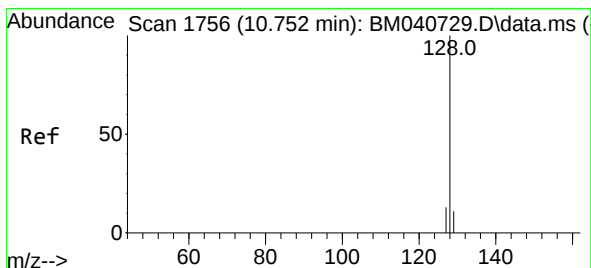
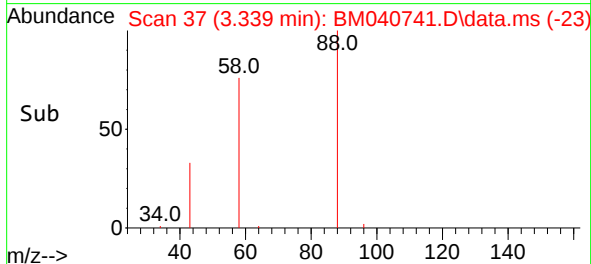
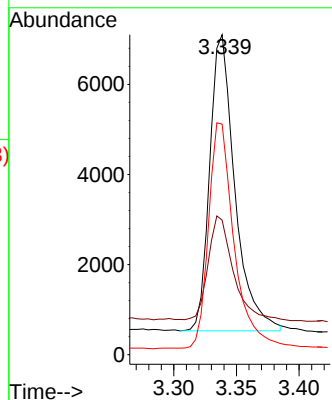
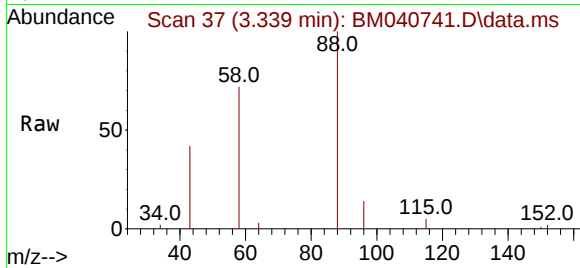




#2
 1,4-Dioxane
 Concen: 1.524 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM040741.D
 Acq: 08 Jul 2023 15:23

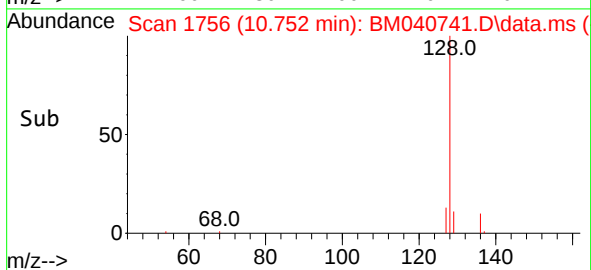
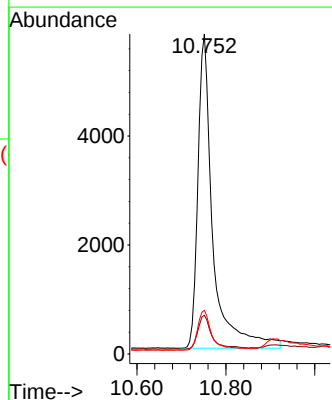
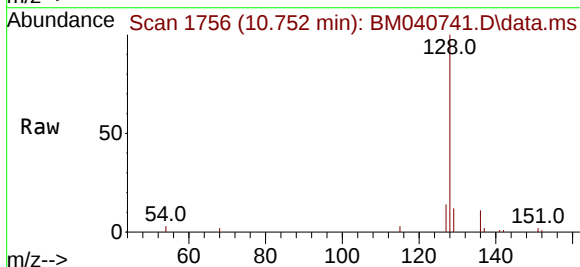
Instrument :
 BNA_M
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 SLCS820

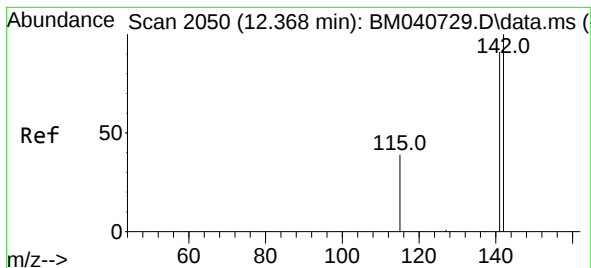
Tgt Ion: 88 Resp: 9181
 Ion Ratio Lower Upper
 88 100
 43 42.1 36.1 54.1
 58 72.1 49.8 74.8



#5
 Naphthalene
 Concen: 0.329 ng/ul
 RT: 10.752 min Scan# 1756
 Delta R.T. -0.000 min
 Lab File: BM040741.D
 Acq: 08 Jul 2023 15:23

Tgt Ion: 128 Resp: 13408
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.2 13.8
 127 13.7 10.6 15.8

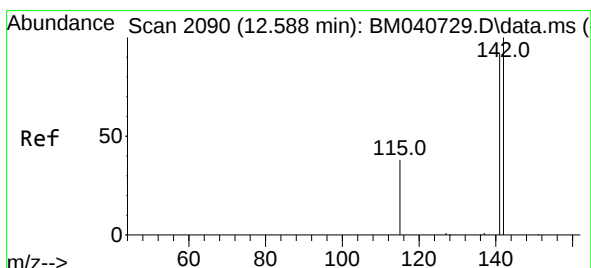
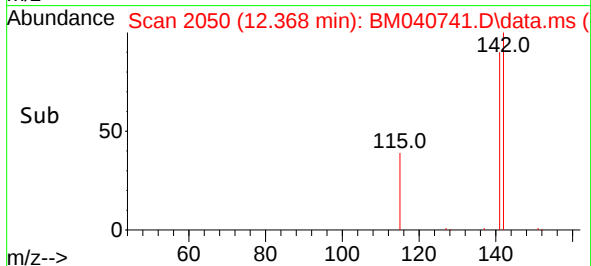
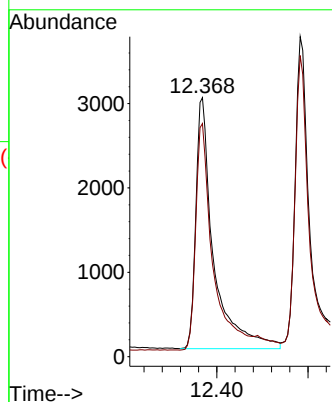
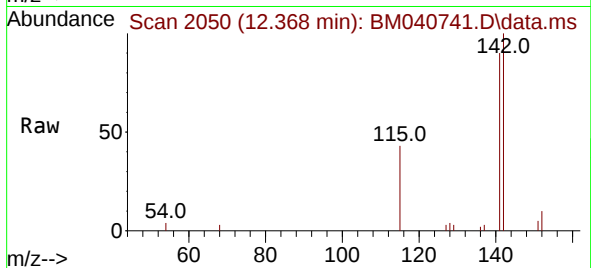




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.368 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

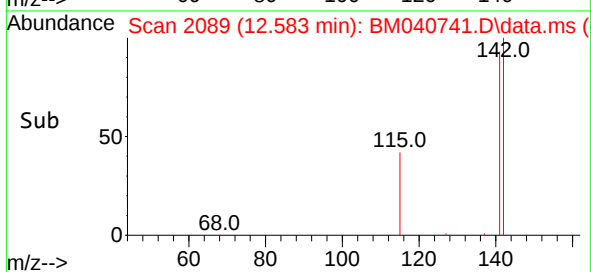
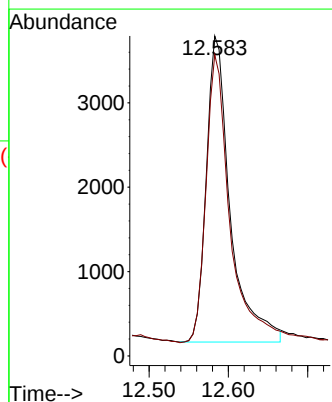
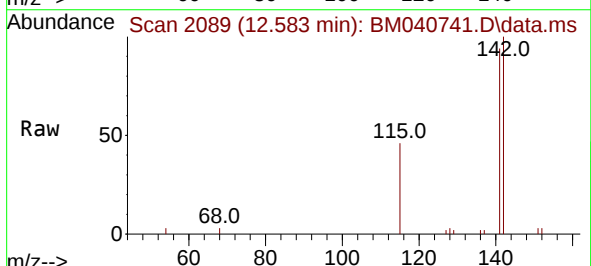
Instrument :
BNA_M
ClientSampleId :
SLCS820

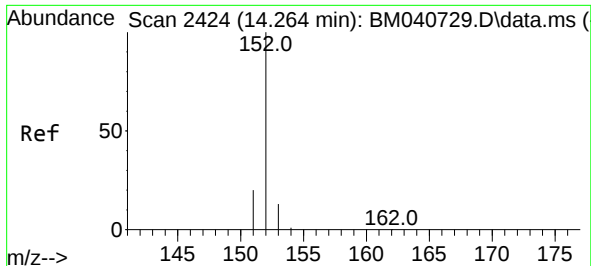
Tgt Ion:142 Resp: 8063
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.583 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:142 Resp: 7633
Ion Ratio Lower Upper
142 100
141 93.7 73.7 110.5

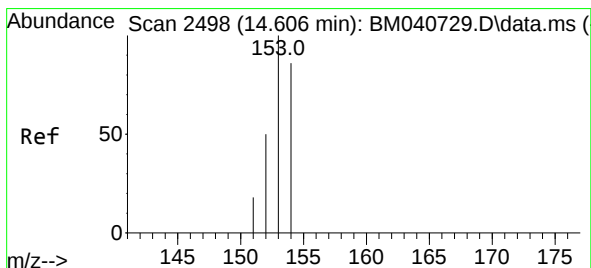
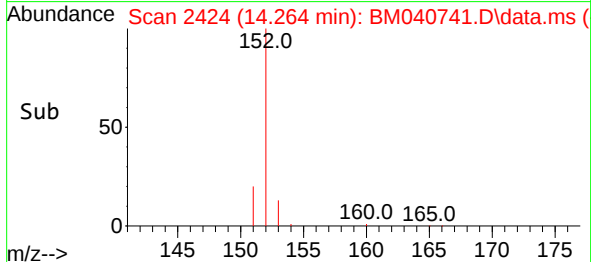
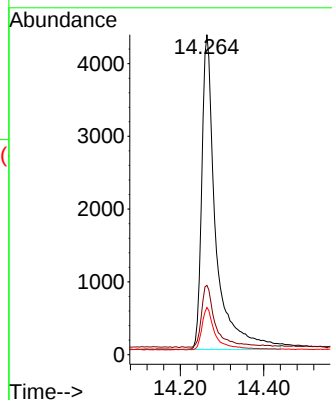
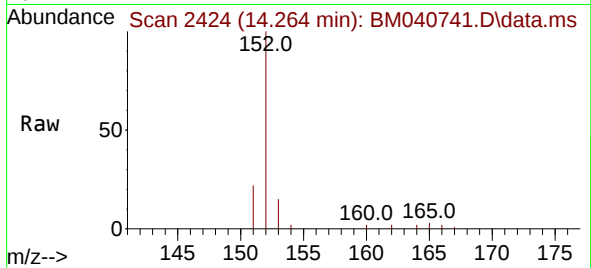




#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 14.264 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

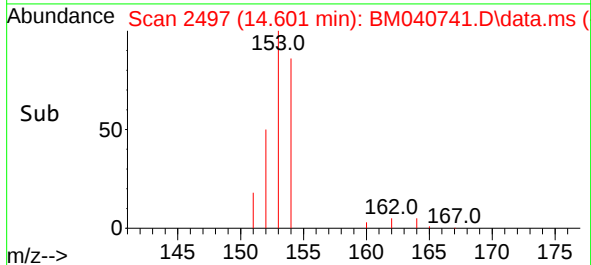
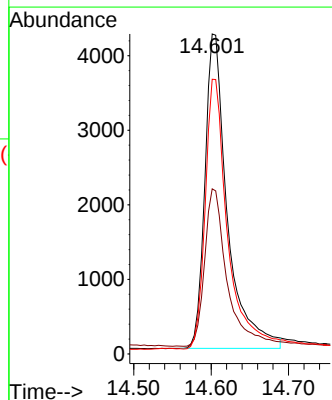
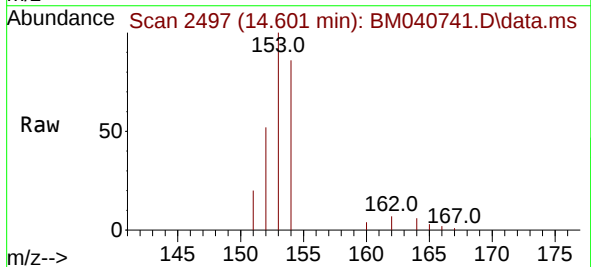
Instrument :
BNA_M
ClientSampleId :
SLCS820

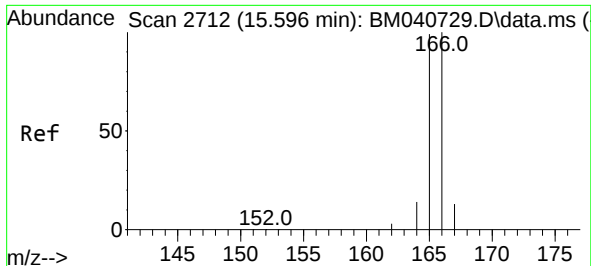
Tgt Ion:	152	Resp:	10186
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.2	24.2
153	14.7	10.9	16.3



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.601 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:	153	Resp:	8530
Ion Ratio	Lower	Upper	
153	100		
152	51.6	41.0	61.4
154	85.8	70.8	106.2

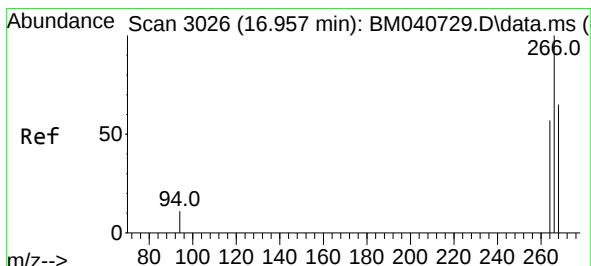
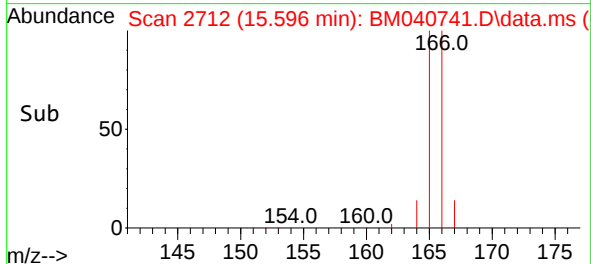
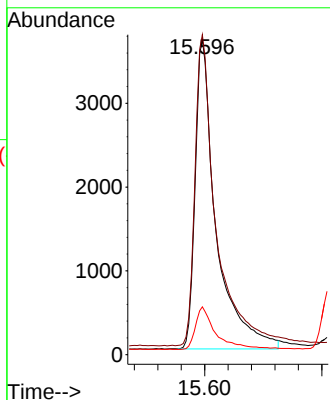
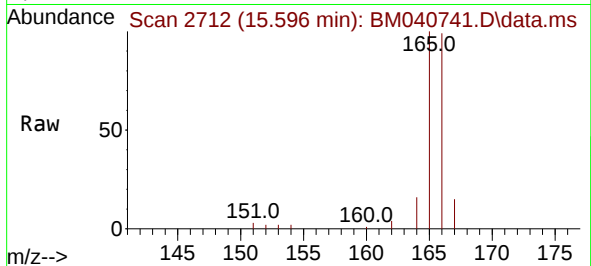




#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.596 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

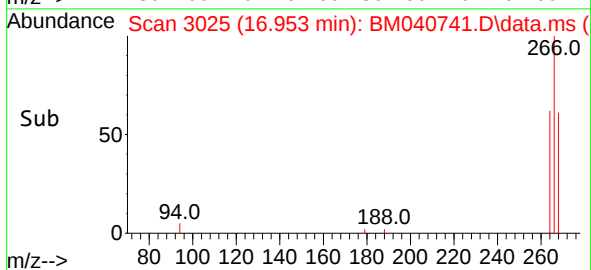
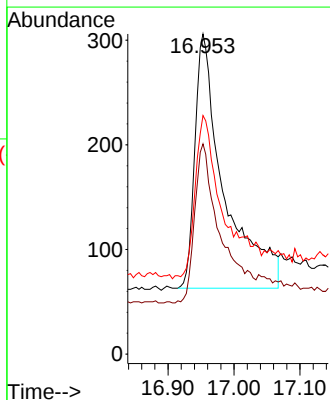
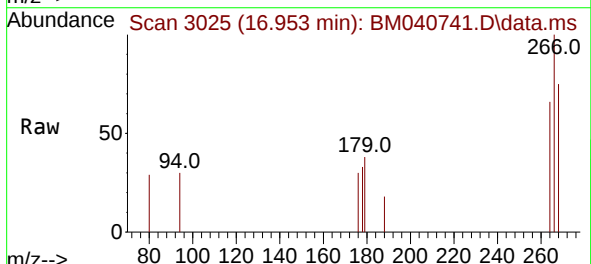
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ClientSampleId :
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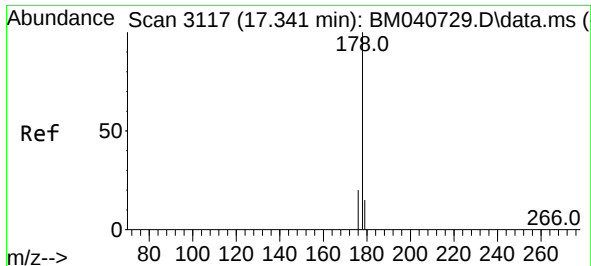
Tgt Ion:	166	Resp:	9164
Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.6	119.4
167	15.2	11.4	17.0



#14
Pentachlorophenol
Concen: 0.308 ng/ul
RT: 16.953 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:	266	Resp:	748
Ion	Ratio	Lower	Upper
266	100		
264	62.6	45.4	68.0
268	68.7	47.2	70.8

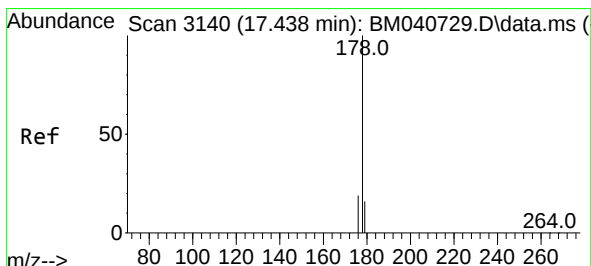
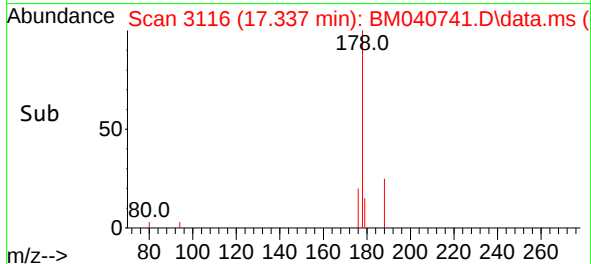
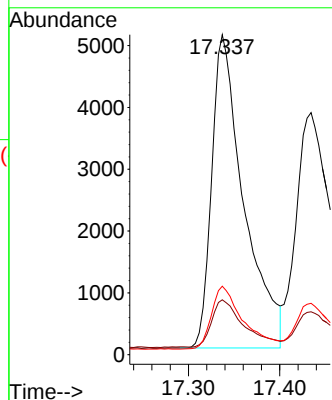
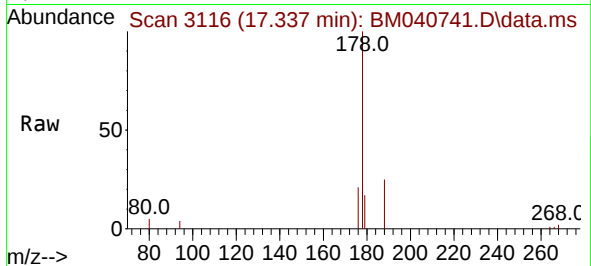




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

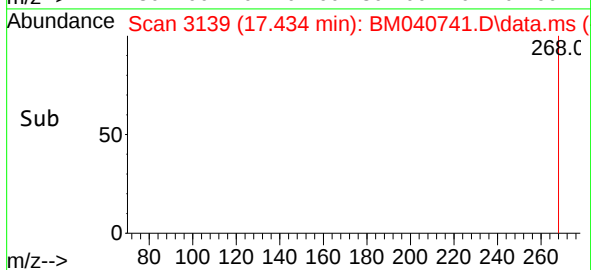
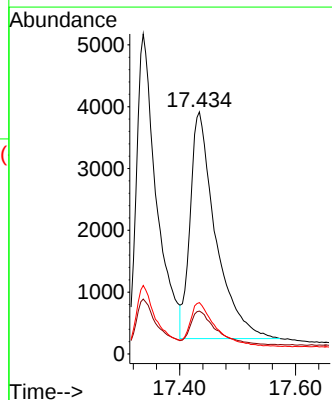
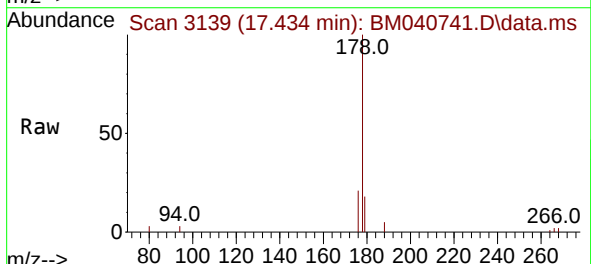
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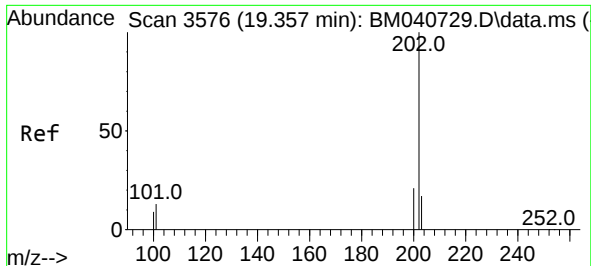
Tgt Ion:	178	Resp:	12338
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.8	19.2
176	21.4	16.4	24.6



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:	178	Resp:	11158
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.9	19.3
176	21.2	15.8	23.6

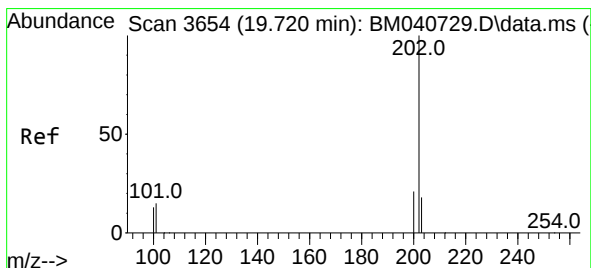
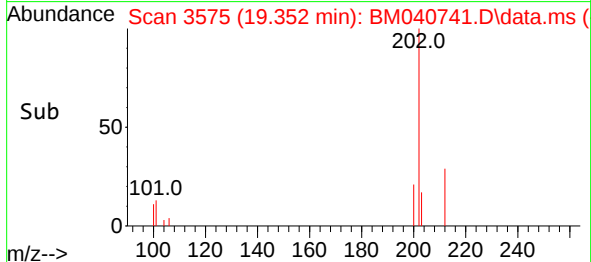
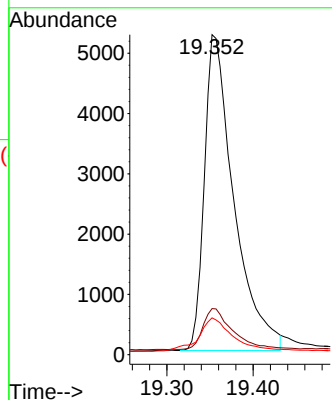
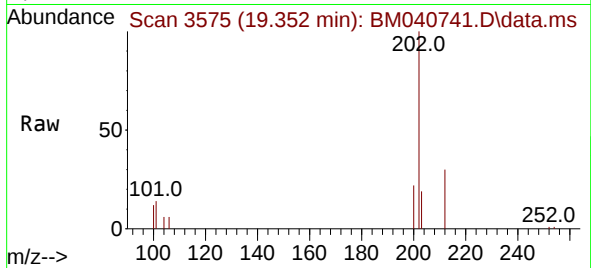




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.352 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

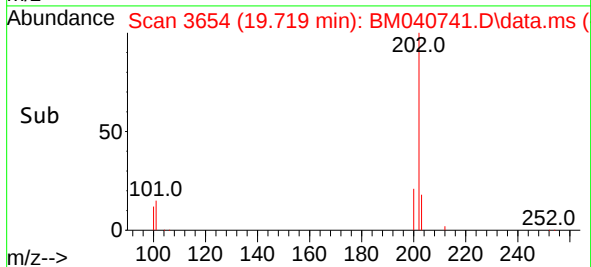
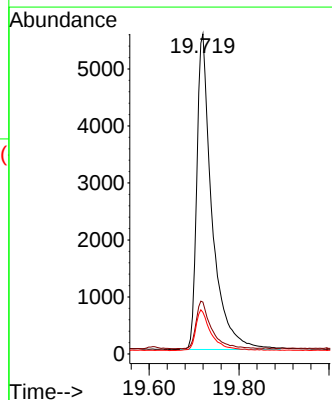
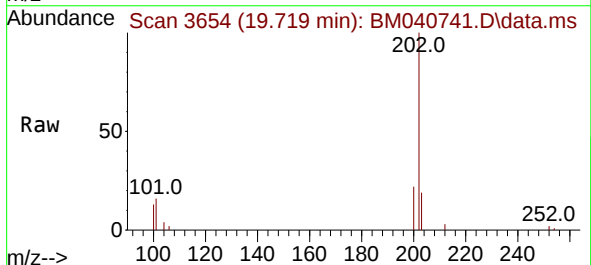
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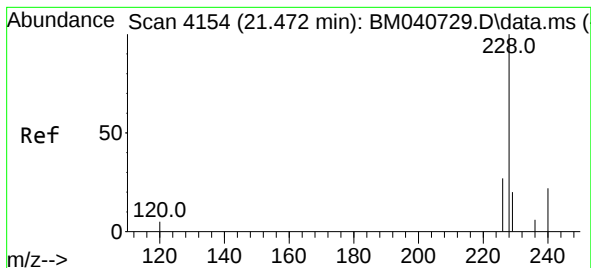
Tgt Ion:	202	Resp:	12475
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.4	17.0
100	11.5	8.7	13.1



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.719 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:	202	Resp:	13005
Ion Ratio	Lower	Upper	
202	100		
101	16.2	12.6	18.8
100	13.0	9.8	14.6





#21

Benzo(a)anthracene

Concen: 0.343 ng/ul

RT: 21.469 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040741.D

Acq: 08 Jul 2023 15:23

Instrument :

BNA_M

ClientSampleId :

SLCS820

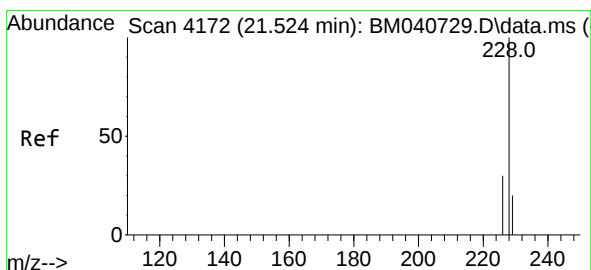
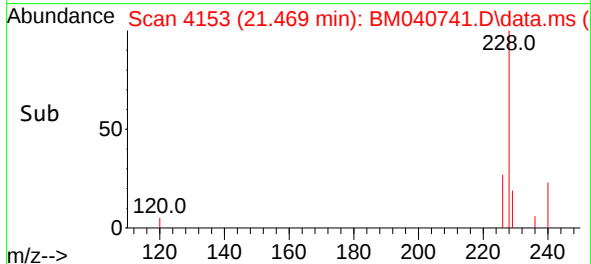
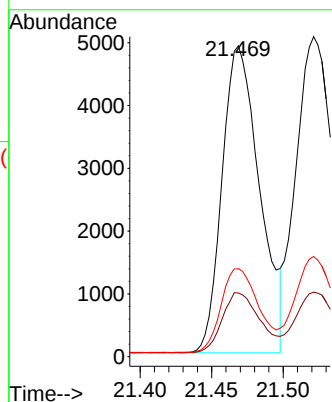
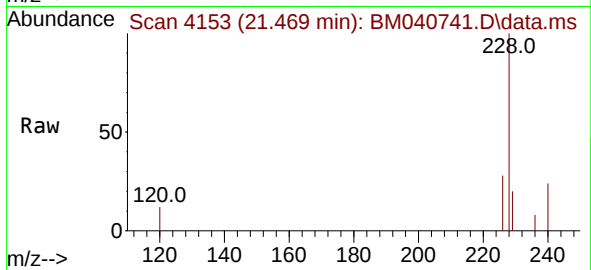
Tgt Ion:228 Resp: 8951

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

226 28.3 22.3 33.5



#22

Chrysene

Concen: 0.329 ng/ul

RT: 21.521 min Scan# 4171

Delta R.T. -0.003 min

Lab File: BM040741.D

Acq: 08 Jul 2023 15:23

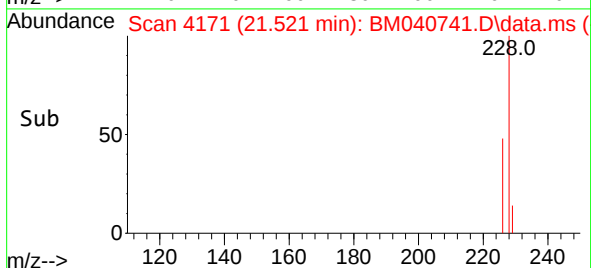
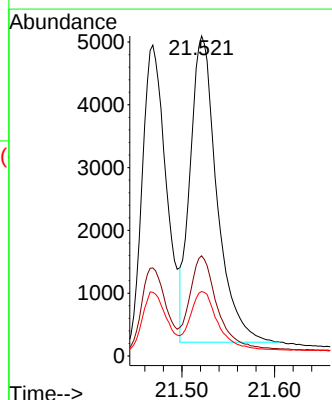
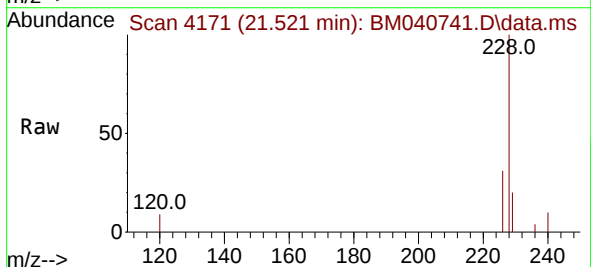
Tgt Ion:228 Resp: 9770

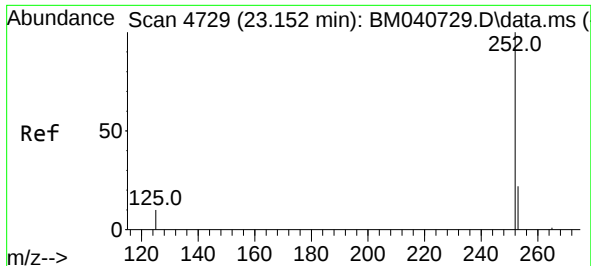
Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

229 20.2 15.8 23.6

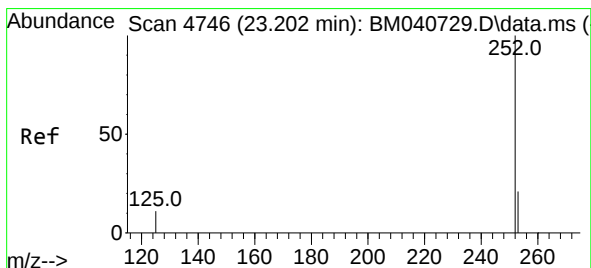
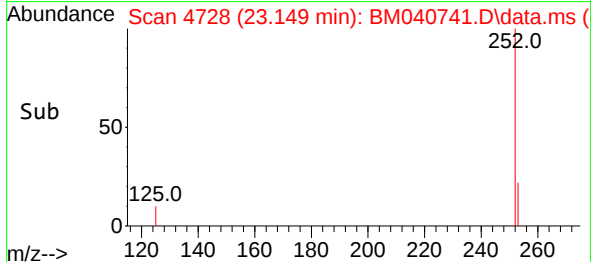
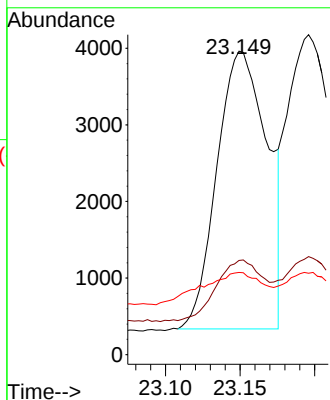
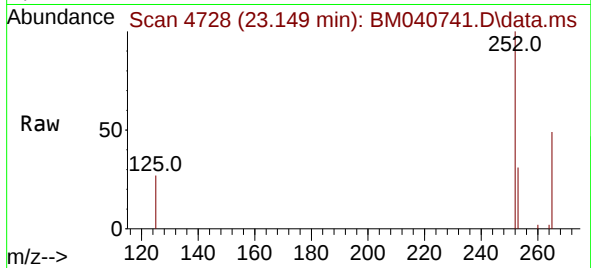




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.003 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

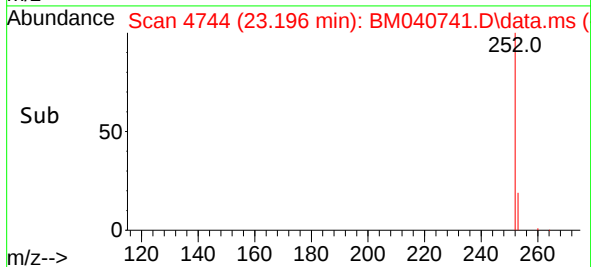
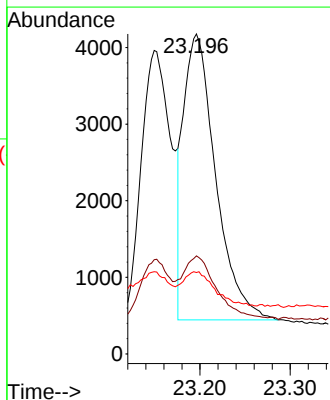
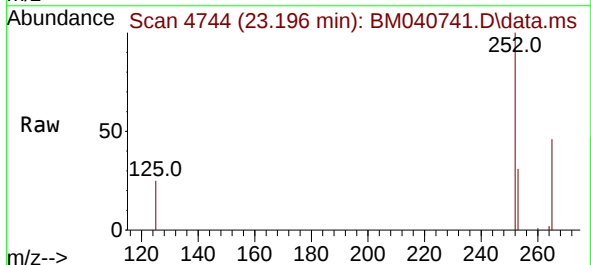
Instrument :
BNA_M
ClientSampleId :
SLCS820

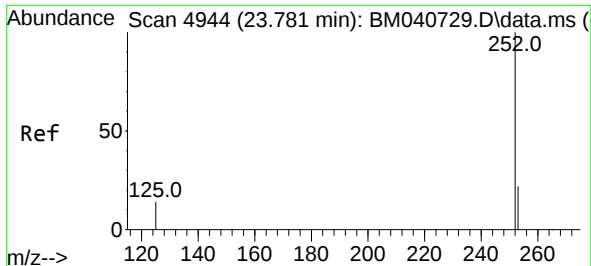
Tgt Ion:252 Resp: 8522
Ion Ratio Lower Upper
252 100
253 31.0 0.0 52.8
125 27.1 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.196 min Scan# 4744
Delta R.T. -0.006 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:252 Resp: 9245
Ion Ratio Lower Upper
252 100
253 30.7 21.2 31.8
125 25.4 16.4 24.6#

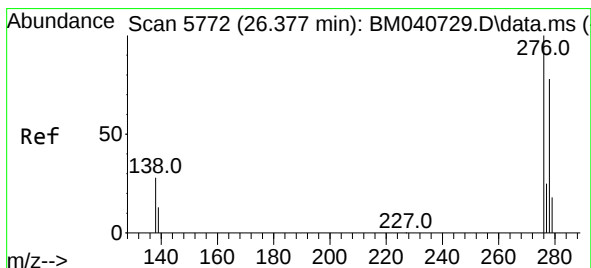
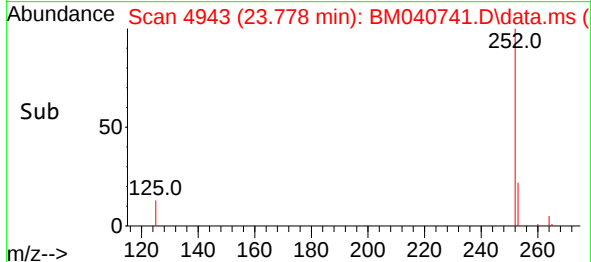
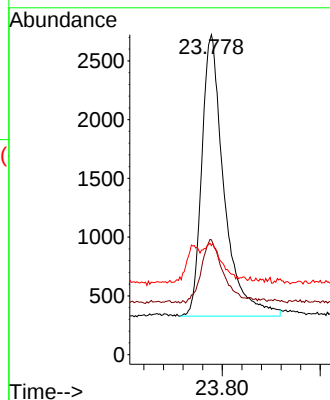
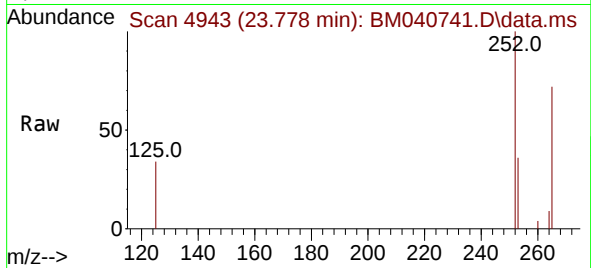




#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.778 min Scan# 4943
Delta R.T. -0.003 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

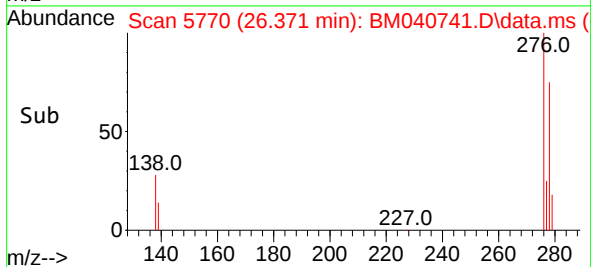
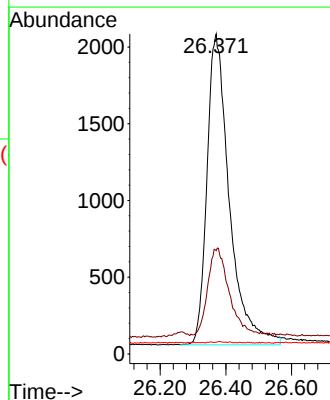
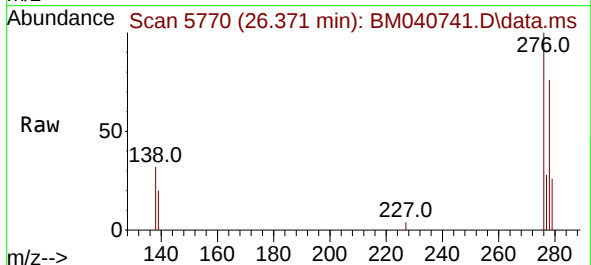
Instrument :
BNA_M
ClientSampleId :
SLCS820

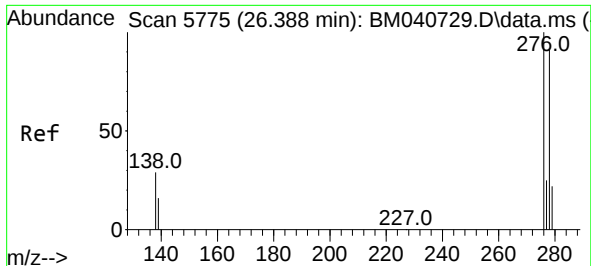
Tgt Ion:252 Resp: 7544
Ion Ratio Lower Upper
252 100
253 35.9 22.9 34.3#
125 34.1 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.371 min Scan# 5770
Delta R.T. -0.007 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:276 Resp: 9573
Ion Ratio Lower Upper
276 100
138 27.0 24.5 36.7
227 0.2 0.1 0.1#

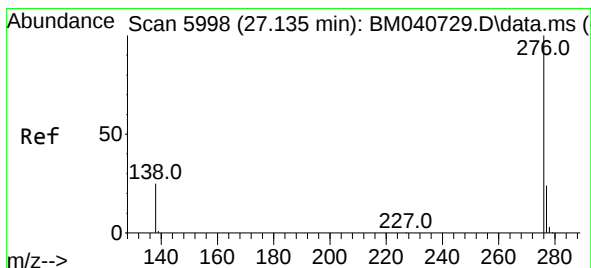
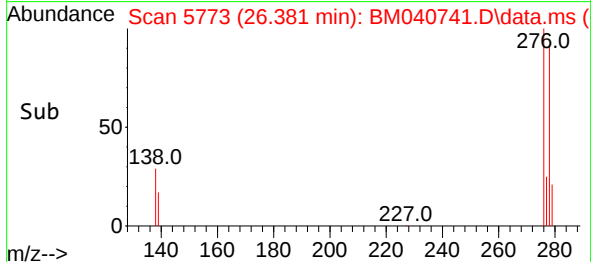
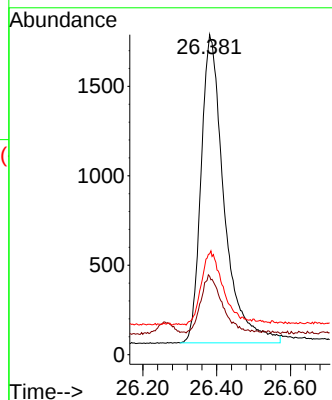
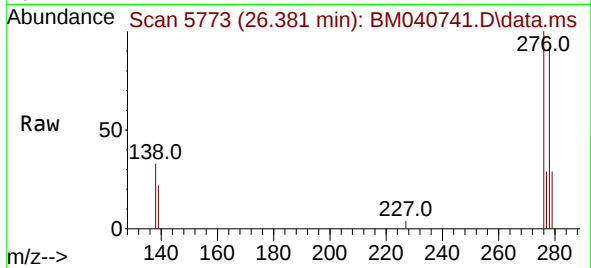




#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 26.381 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Instrument :
BNA_M
ClientSampleId :
SLCS820

Tgt Ion:278 Resp: 7465
Ion Ratio Lower Upper
278 100
139 24.5 17.9 26.9
279 31.5 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.129 min Scan# 5996
Delta R.T. -0.007 min
Lab File: BM040741.D
Acq: 08 Jul 2023 15:23

Tgt Ion:276 Resp: 8582
Ion Ratio Lower Upper
276 100
138 30.1 23.0 34.6
277 27.1 20.3 30.5

