

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042647.D
 Acq On : 08 Nov 2023 13:46
 Operator : MA/JU
 Sample : PB156699BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS699

Quant Time: Nov 08 22:54:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

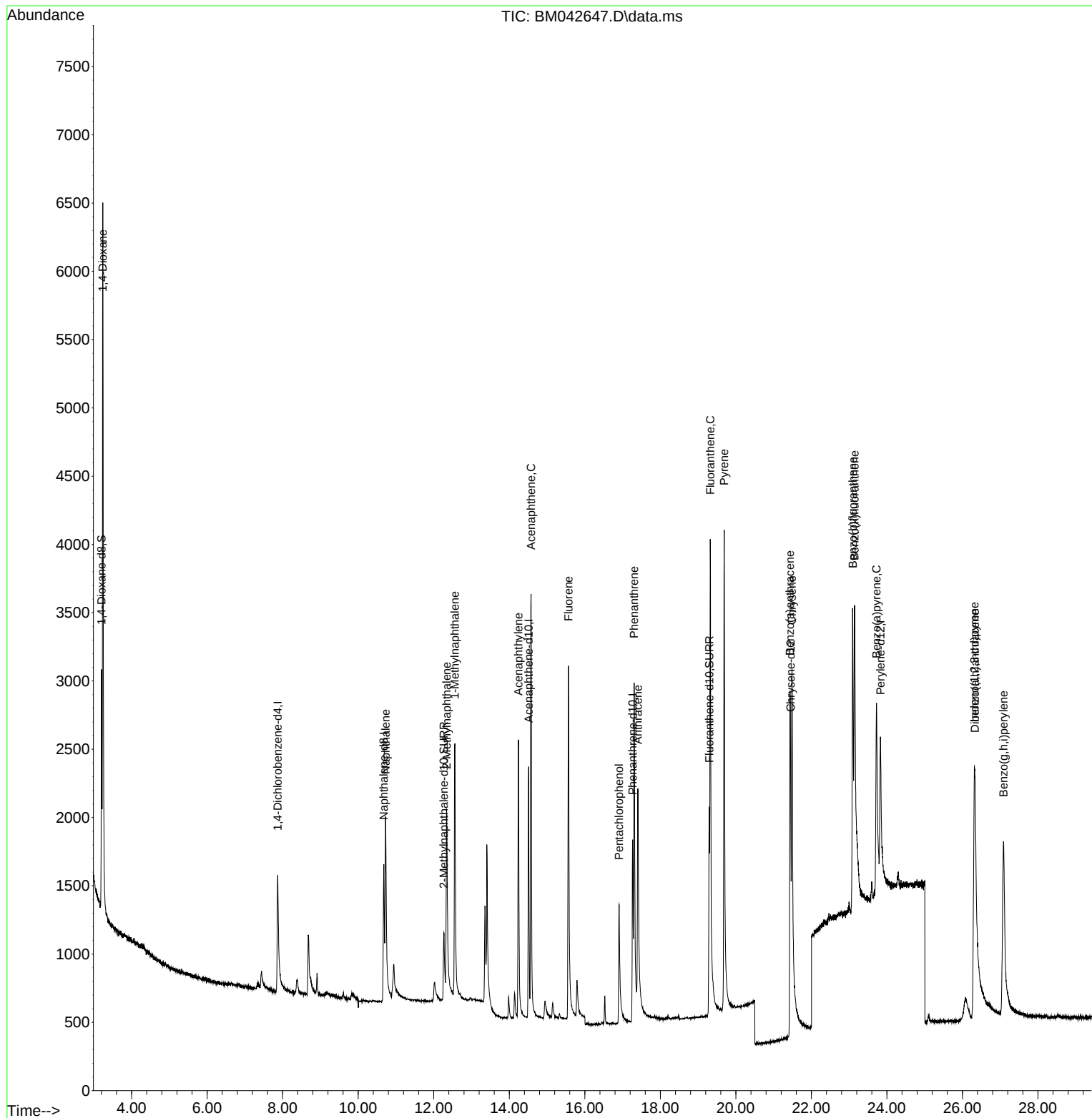
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	863	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	1964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1075	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	2066	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	1580	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	1889	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	999	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1074	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	2251	0.411	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.235	88	3227	2.381	ng/ul#	58
5) Naphthalene	10.728	128	2653	0.418	ng/ul	98
7) 2-Methylnaphthalene	12.344	142	1575	0.387	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1553	0.377	ng/ul	98
10) Acenaphthylene	14.243	152	2936	0.399	ng/ul	98
11) Acenaphthene	14.576	153	2074	0.416	ng/ul	99
12) Fluorene	15.566	166	2312	0.404	ng/ul	99
14) Pentachlorophenol	16.905	266	946	0.898	ng/ul	96
15) Phenanthrene	17.306	178	3328	0.415	ng/ul	98
16) Anthracene	17.403	178	2887	0.398	ng/ul	96
19) Fluoranthene	19.323	202	3899	0.395	ng/ul	98
20) Pyrene	19.690	202	4282	0.394	ng/ul	97
21) Benzo(a)anthracene	21.432	228	2713	0.386	ng/ul	98
22) Chrysene	21.485	228	3125	0.430	ng/ul	99
24) Benzo(b)fluoranthene	23.095	252	3279	0.430	ng/ul	93
25) Benzo(k)fluoranthene	23.142	252	3513	0.439	ng/ul#	94
26) Benzo(a)pyrene	23.724	252	3661	0.463	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.315	276	4546	0.443	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	3289	0.449	ng/ul	95
29) Benzo(g,h,i)perylene	27.087	276	4184	0.438	ng/ul	98

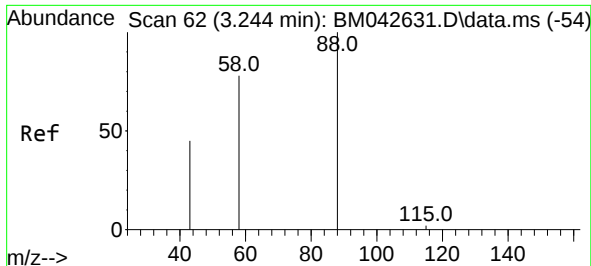
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
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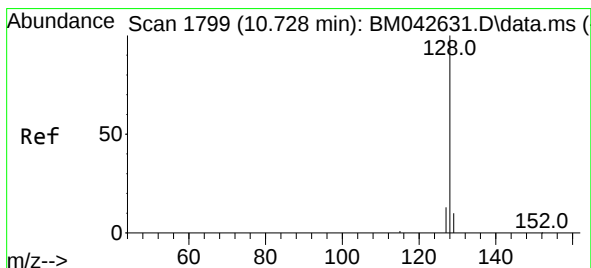
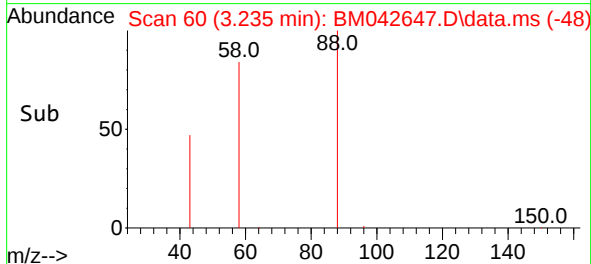
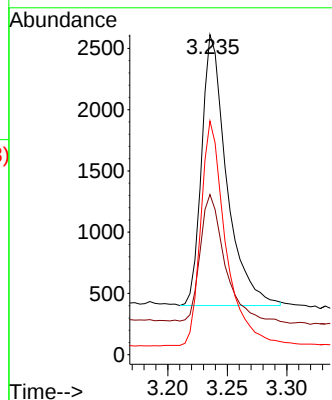
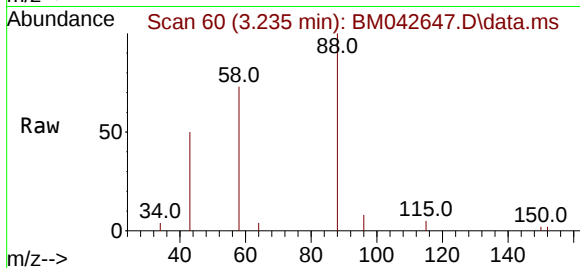




#2
1,4-Dioxane
Concen: 2.381 ng/ul
RT: 3.235 min Scan# 60
Delta R.T. -0.011 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

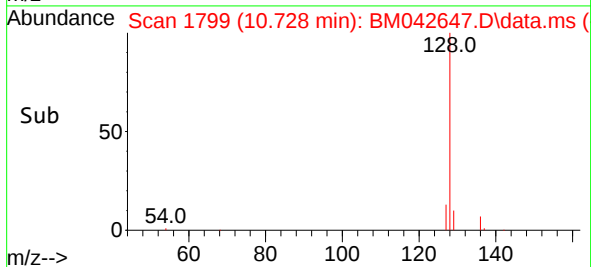
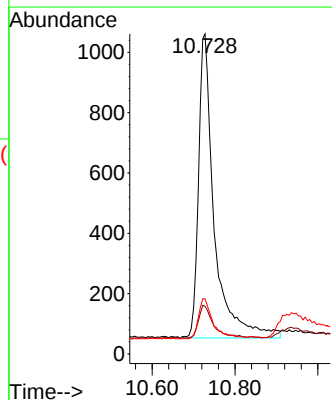
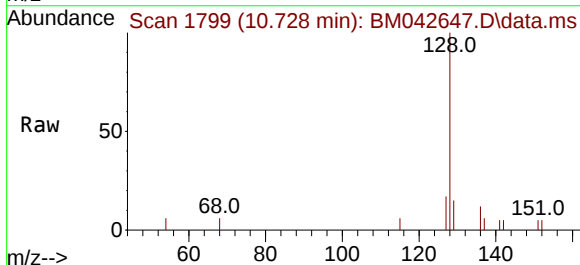
Instrument :
BNA_M
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SLCS699

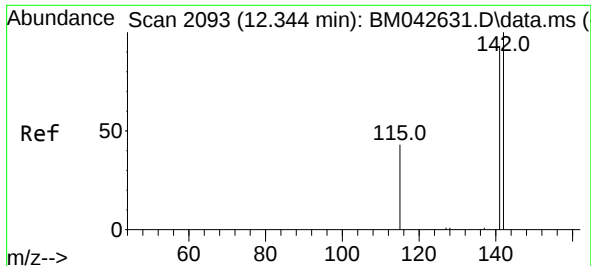
Tgt Ion: 88 Resp: 3227
Ion Ratio Lower Upper
88 100
43 50.0 77.5 116.3#
58 73.0 40.9 61.3#



#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.728 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion: 128 Resp: 2653
Ion Ratio Lower Upper
128 100
129 14.9 11.3 16.9
127 17.2 13.0 19.4

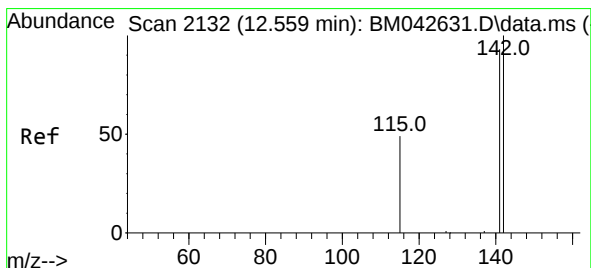
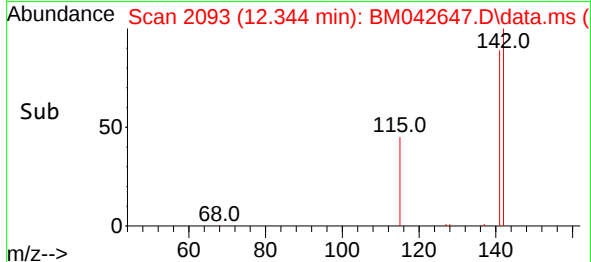
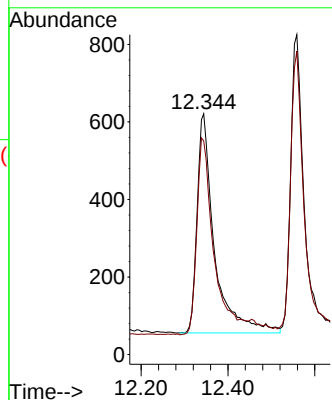
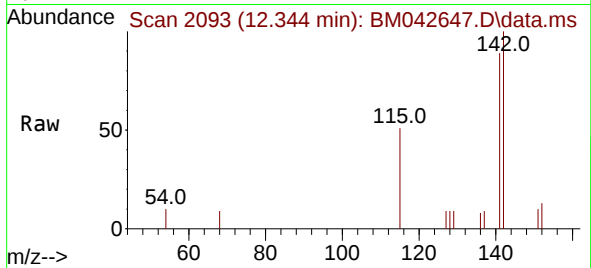




#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.344 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

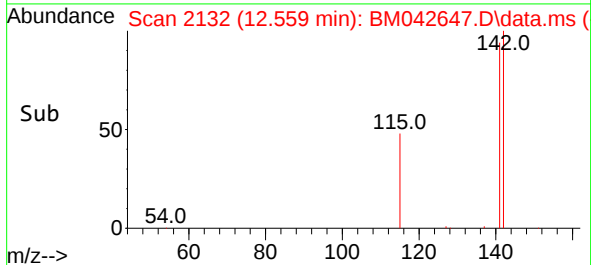
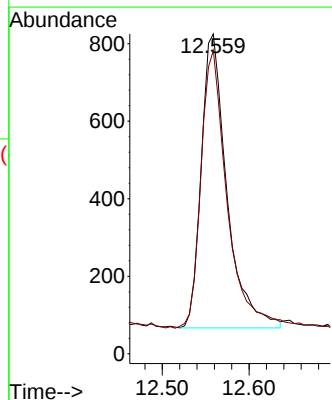
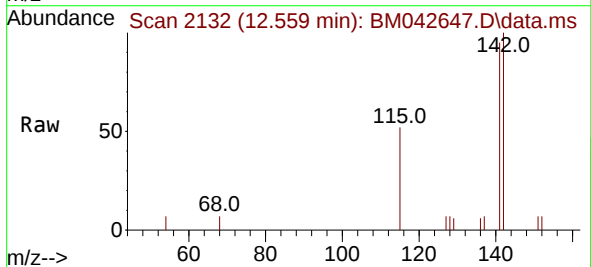
Instrument :
BNA_M
ClientSampleId :
SLCS699

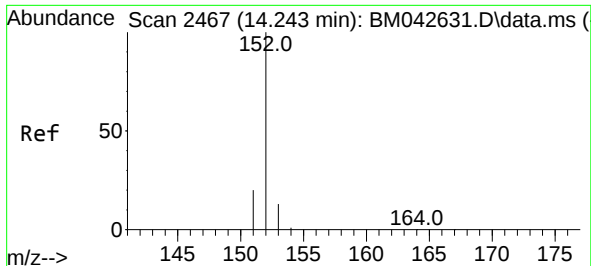
Tgt Ion:142 Resp: 1575
Ion Ratio Lower Upper
142 100
141 95.2 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:142 Resp: 1553
Ion Ratio Lower Upper
142 100
141 96.1 75.4 113.2

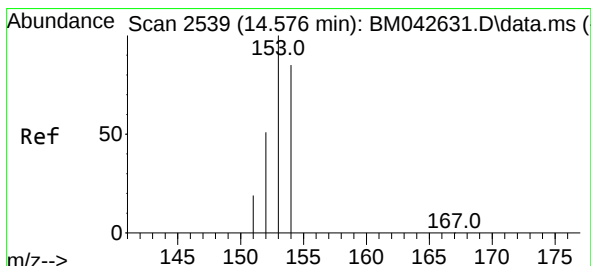
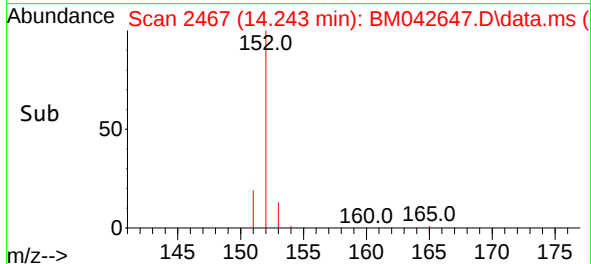
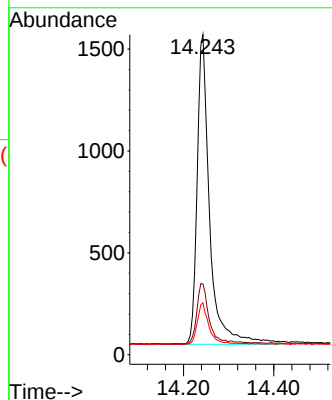
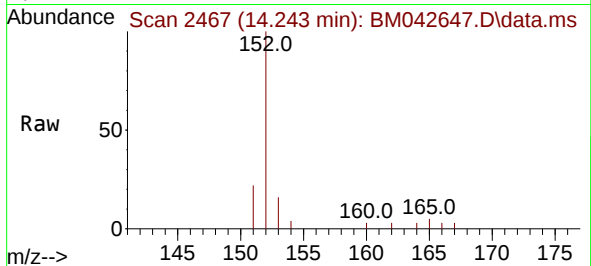




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

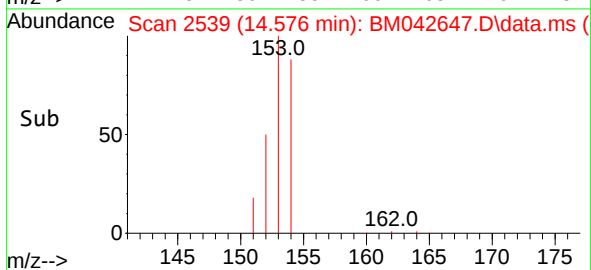
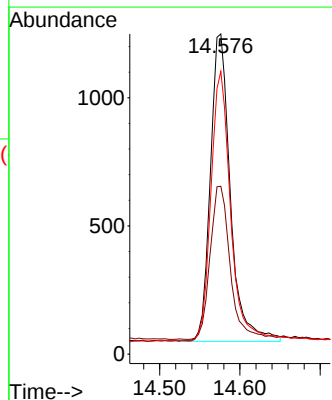
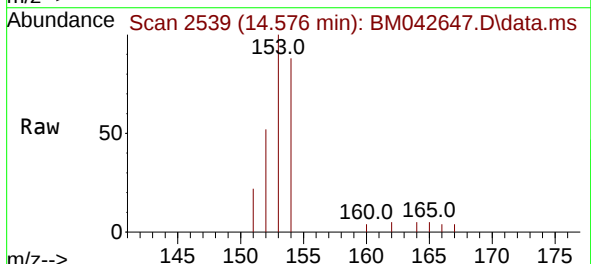
Instrument :
BNA_M
ClientSampleId :
SLCS699

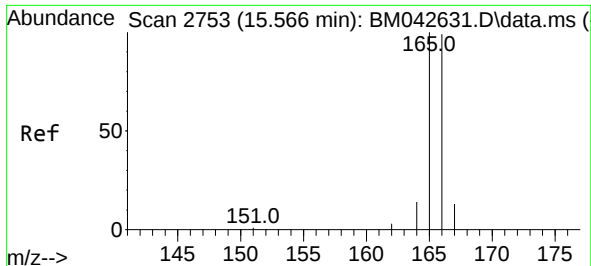
Tgt Ion:152	Resp:	2936
Ion Ratio	Lower	Upper
152	100	
151	22.1	17.2 25.8
153	16.2	11.8 17.8



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.576 min Scan# 2539
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:153	Resp:	2074
Ion Ratio	Lower	Upper
153	100	
152	52.4	41.8 62.6
154	88.3	69.2 103.8

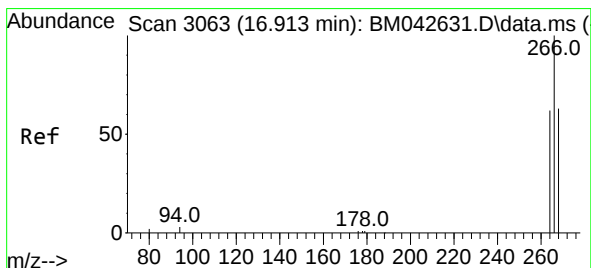
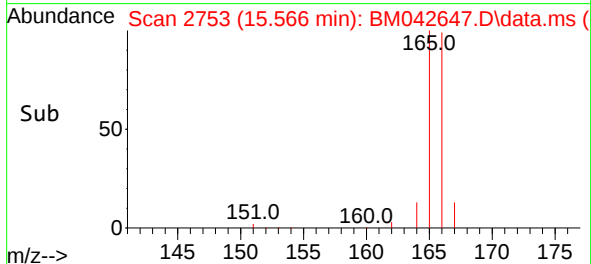
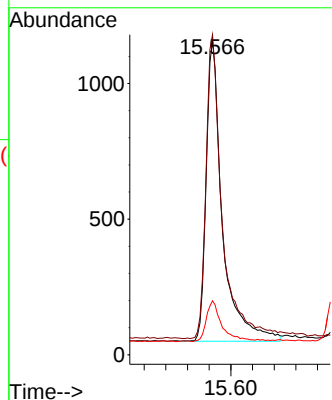
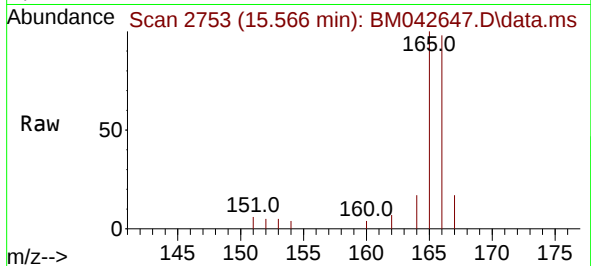




#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.566 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

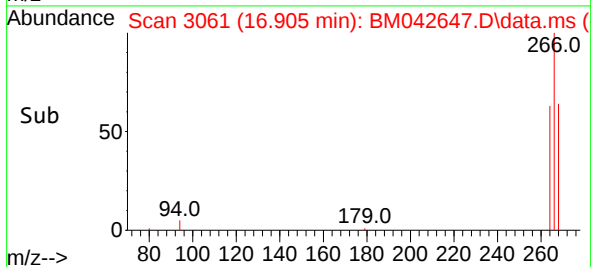
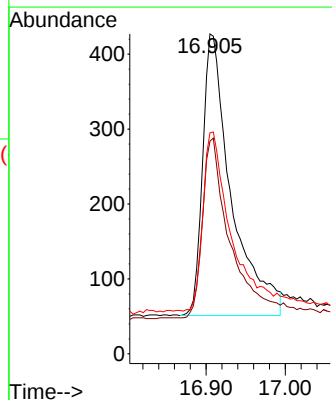
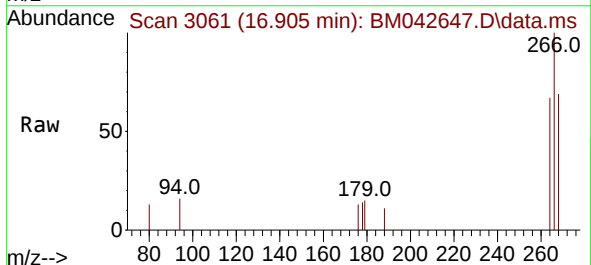
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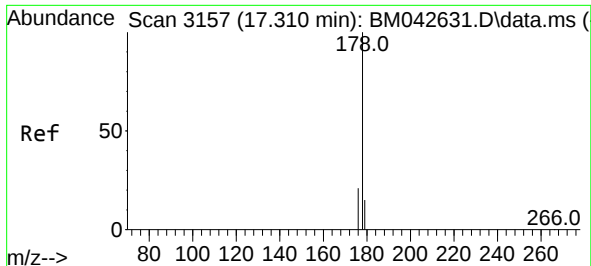
Tgt Ion:166 Resp: 2312
Ion Ratio Lower Upper
166 100
165 102.0 81.2 121.8
167 17.2 11.9 17.9



#14
Pentachlorophenol
Concen: 0.898 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:266 Resp: 946
Ion Ratio Lower Upper
266 100
264 61.7 50.4 75.6
268 63.2 54.8 82.2

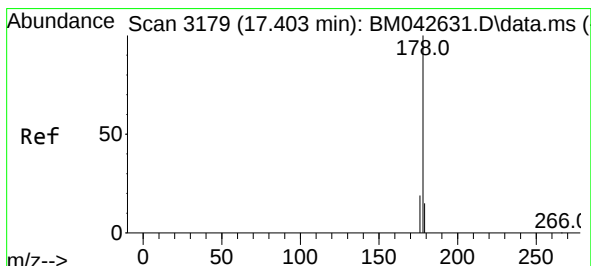
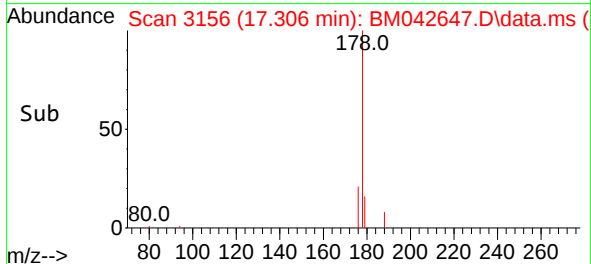
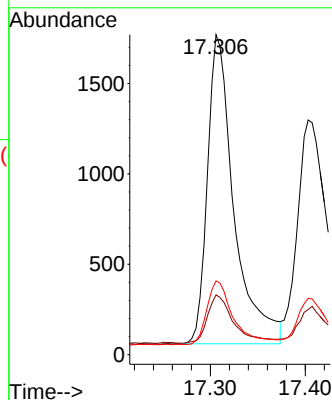
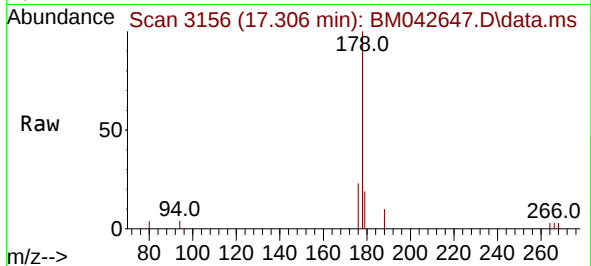




#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.306 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

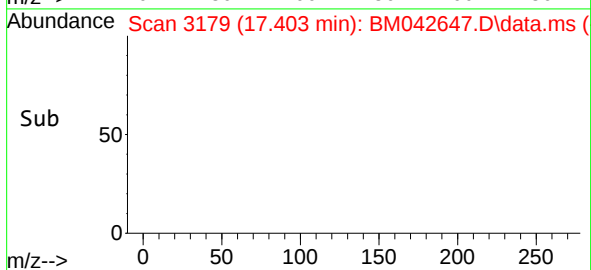
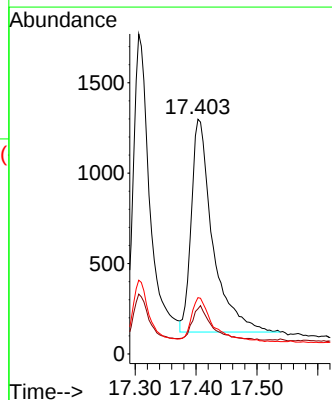
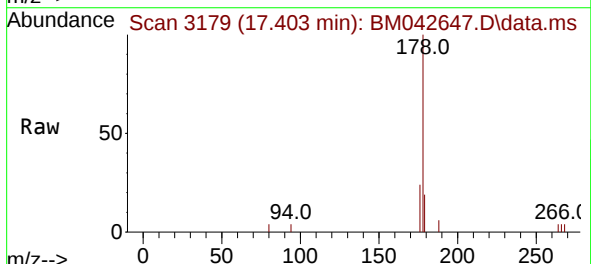
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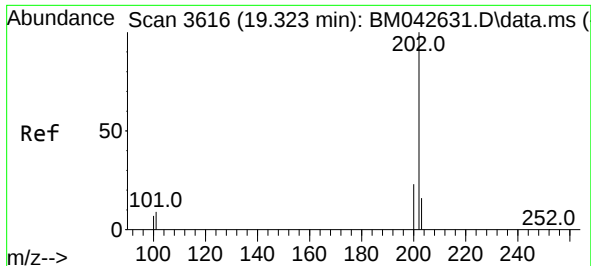
Tgt Ion:178 Resp: 3328
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 23.1 18.2 27.2



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:178 Resp: 2887
Ion Ratio Lower Upper
178 100
179 19.3 14.2 21.4
176 24.0 17.6 26.4

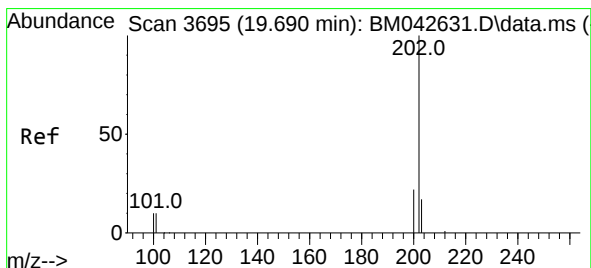
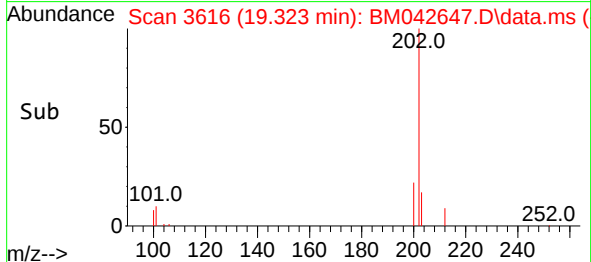
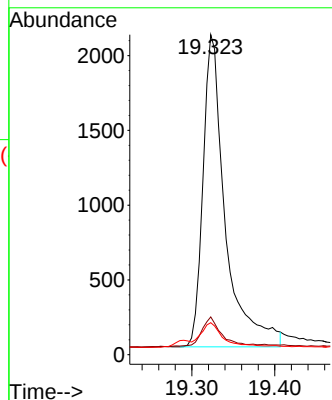
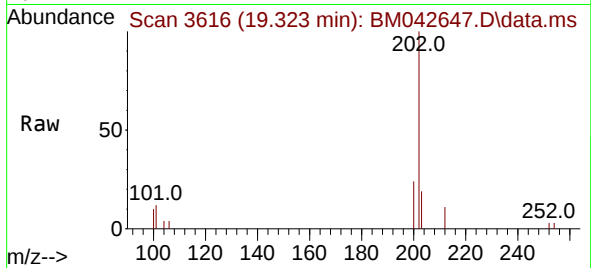




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

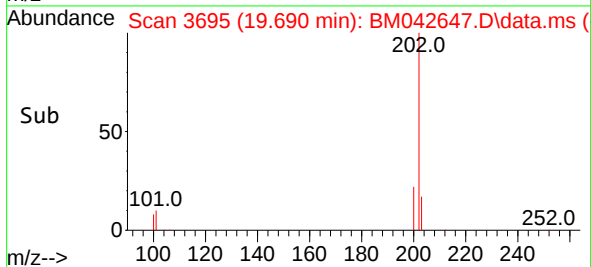
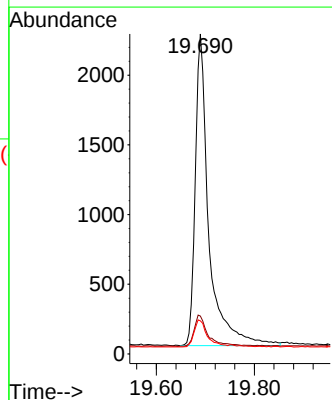
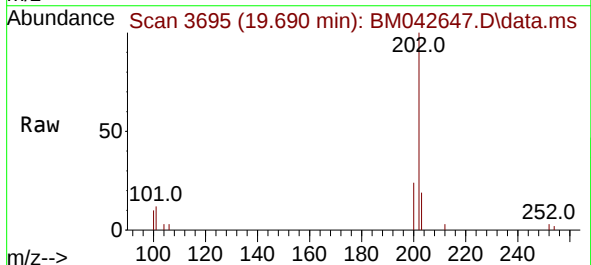
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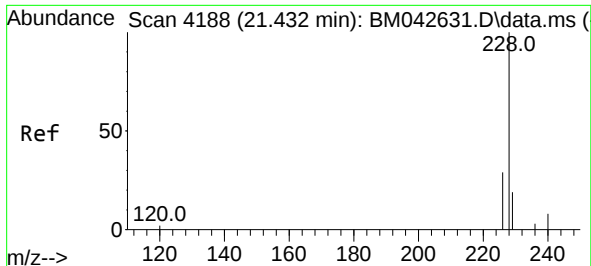
Tgt Ion:202 Resp: 3899
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.6
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:202 Resp: 4282
Ion Ratio Lower Upper
202 100
101 11.8 10.6 16.0
100 10.4 8.6 13.0

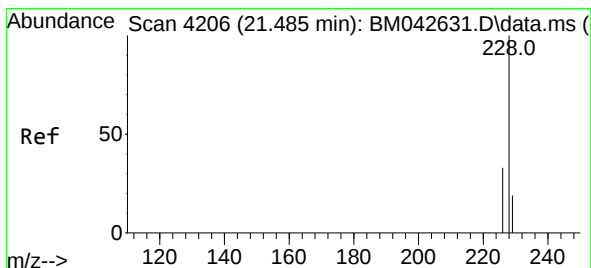
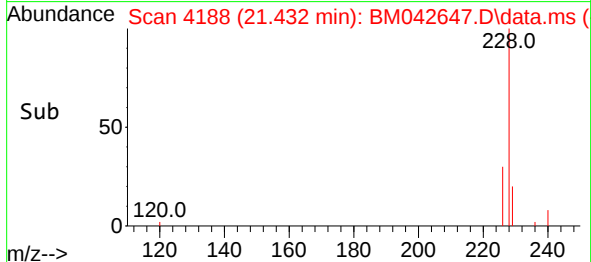
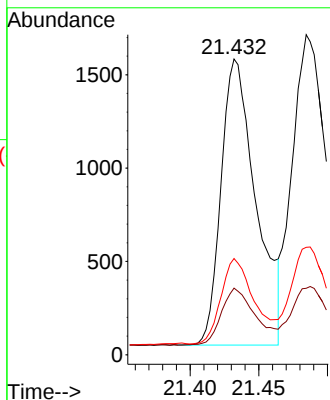
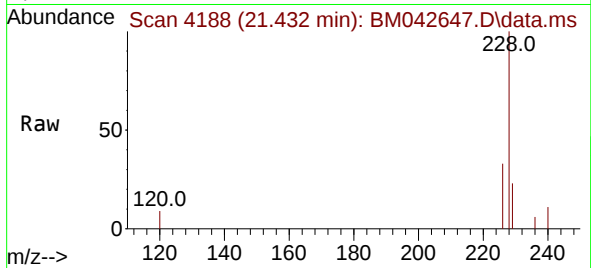




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.432 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

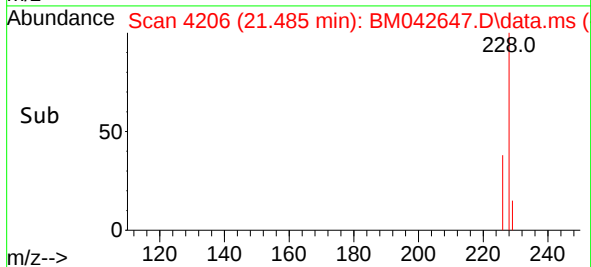
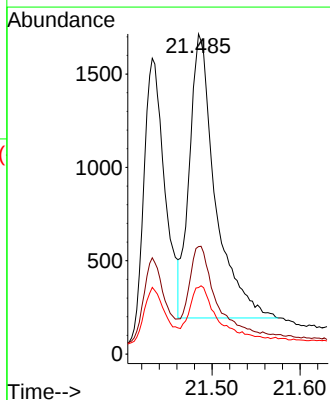
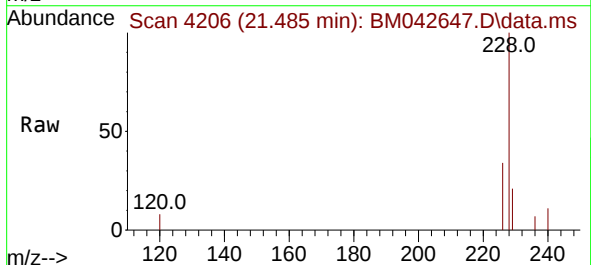
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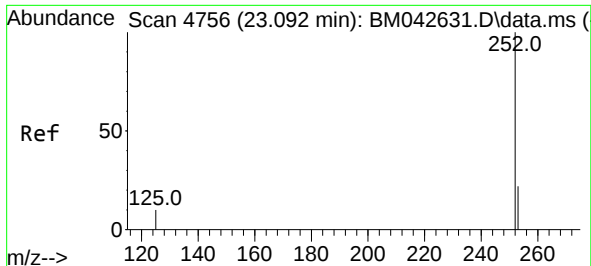
Tgt	Ion:228	Resp:	2713
Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.4
226	32.6	25.2	37.8



#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.485 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt	Ion:228	Resp:	3125
Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.4	41.0
229	20.8	17.0	25.6

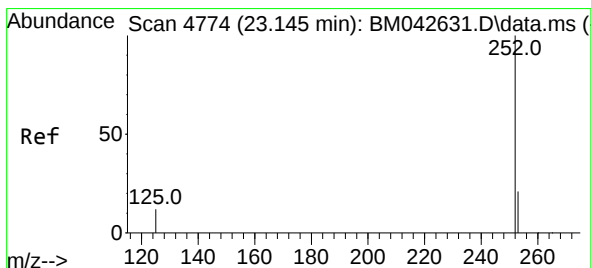
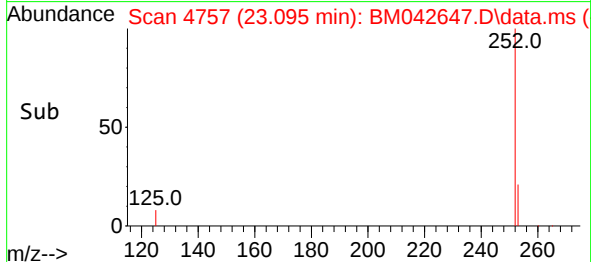
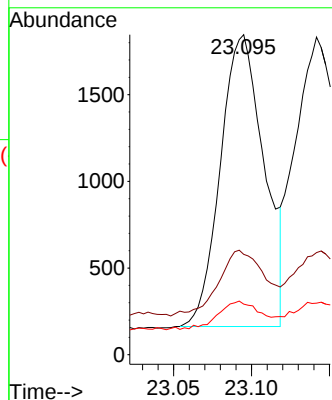
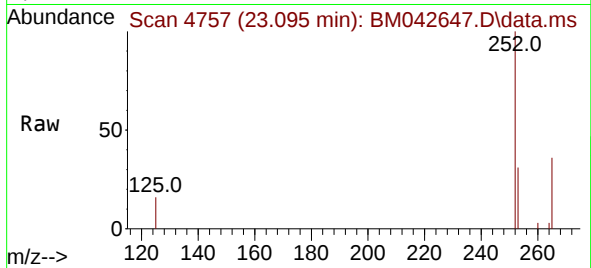




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 23.095 min Scan# 4756
Delta R.T. -0.005 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

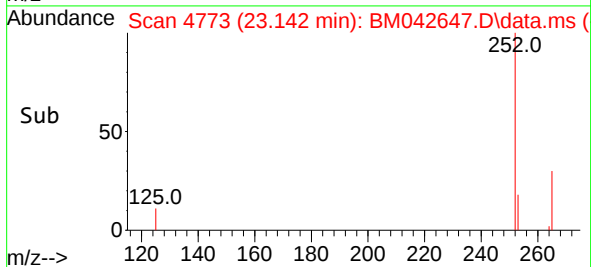
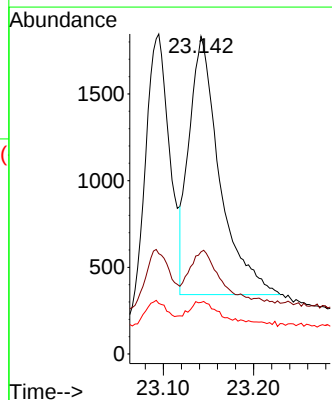
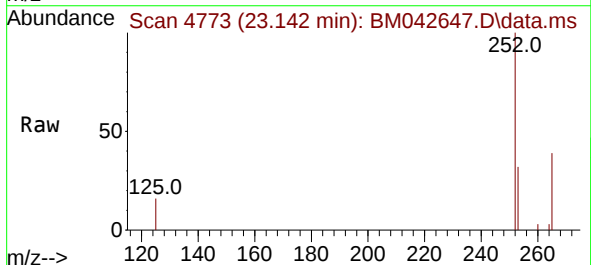
Instrument :
BNA_M
ClientSampleId :
SLCS699

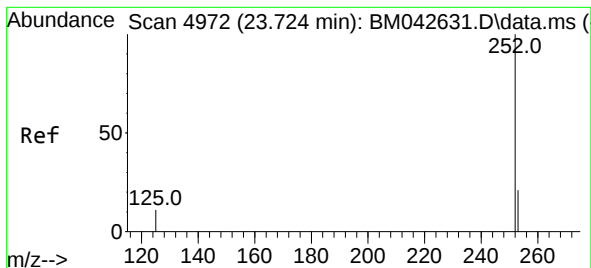
Tgt Ion:252 Resp: 3279
Ion Ratio Lower Upper
252 100
253 31.4 0.0 65.8
125 15.8 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:252 Resp: 3513
Ion Ratio Lower Upper
252 100
253 32.2 27.0 40.6
125 16.3 17.5 26.3#





#26

Benzo(a)pyrene

Concen: 0.463 ng/ul

RT: 23.724 min Scan# 4972

Delta R.T. -0.011 min

Lab File: BM042647.D

Acq: 08 Nov 2023 13:46

Instrument :

BNA_M

ClientSampleId :

SLCS699

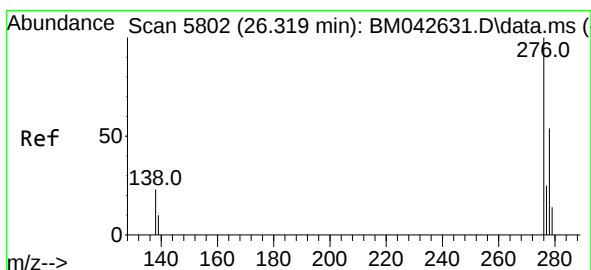
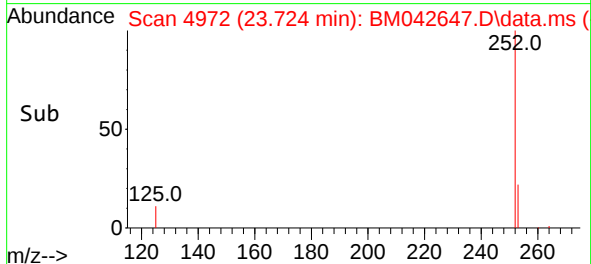
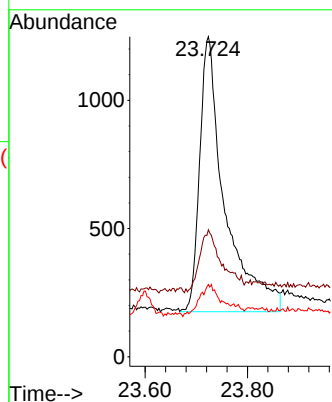
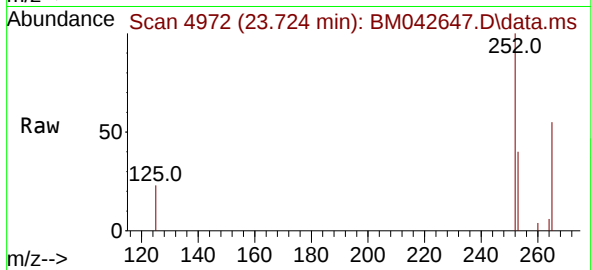
Tgt Ion:252 Resp: 3661

Ion Ratio Lower Upper

252 100

253 39.7 31.7 47.5

125 22.6 22.1 33.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/ul

RT: 26.315 min Scan# 5801

Delta R.T. -0.012 min

Lab File: BM042647.D

Acq: 08 Nov 2023 13:46

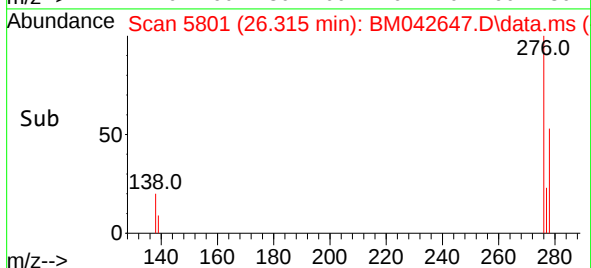
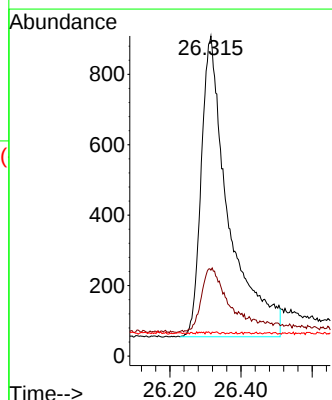
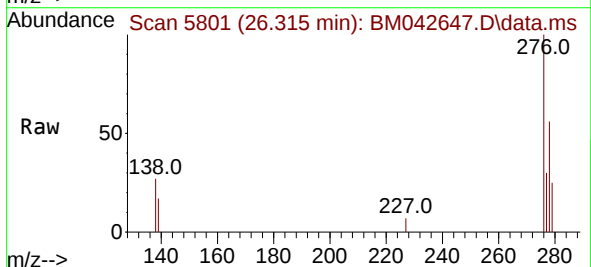
Tgt Ion:276 Resp: 4546

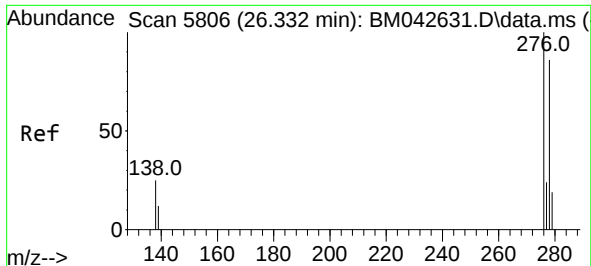
Ion Ratio Lower Upper

276 100

138 22.1 20.7 31.1

227 0.1 0.1 0.1#

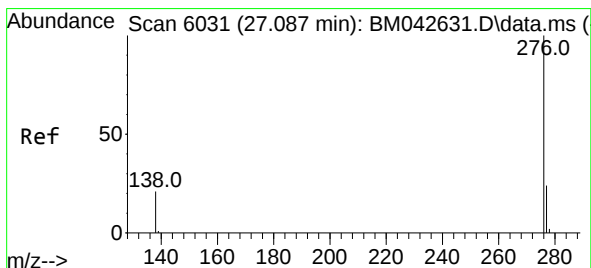
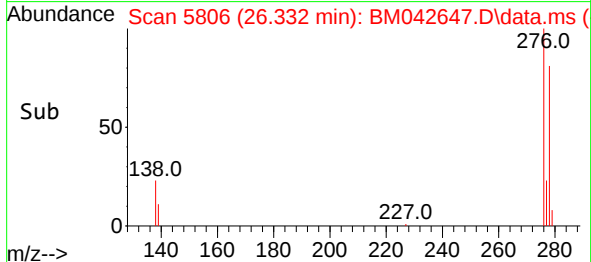
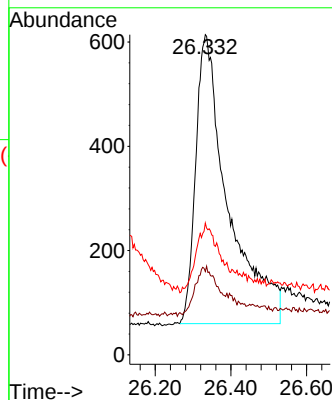
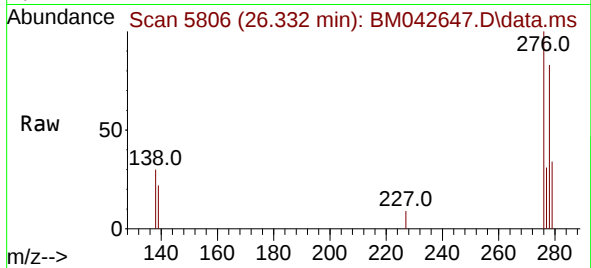




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.332 min Scan# 5806
Delta R.T. -0.016 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :
SLCS699

Tgt Ion:278 Resp: 3289
Ion Ratio Lower Upper
278 100
139 26.1 24.3 36.5
279 41.2 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:276 Resp: 4184
Ion Ratio Lower Upper
276 100
138 26.4 22.3 33.5
277 29.0 23.6 35.4

