

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042629.D
 Acq On : 08 Nov 2023 01:21
 Operator : MA/JU
 Sample : PB156842BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS842

Quant Time: Nov 08 02:49:51 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)

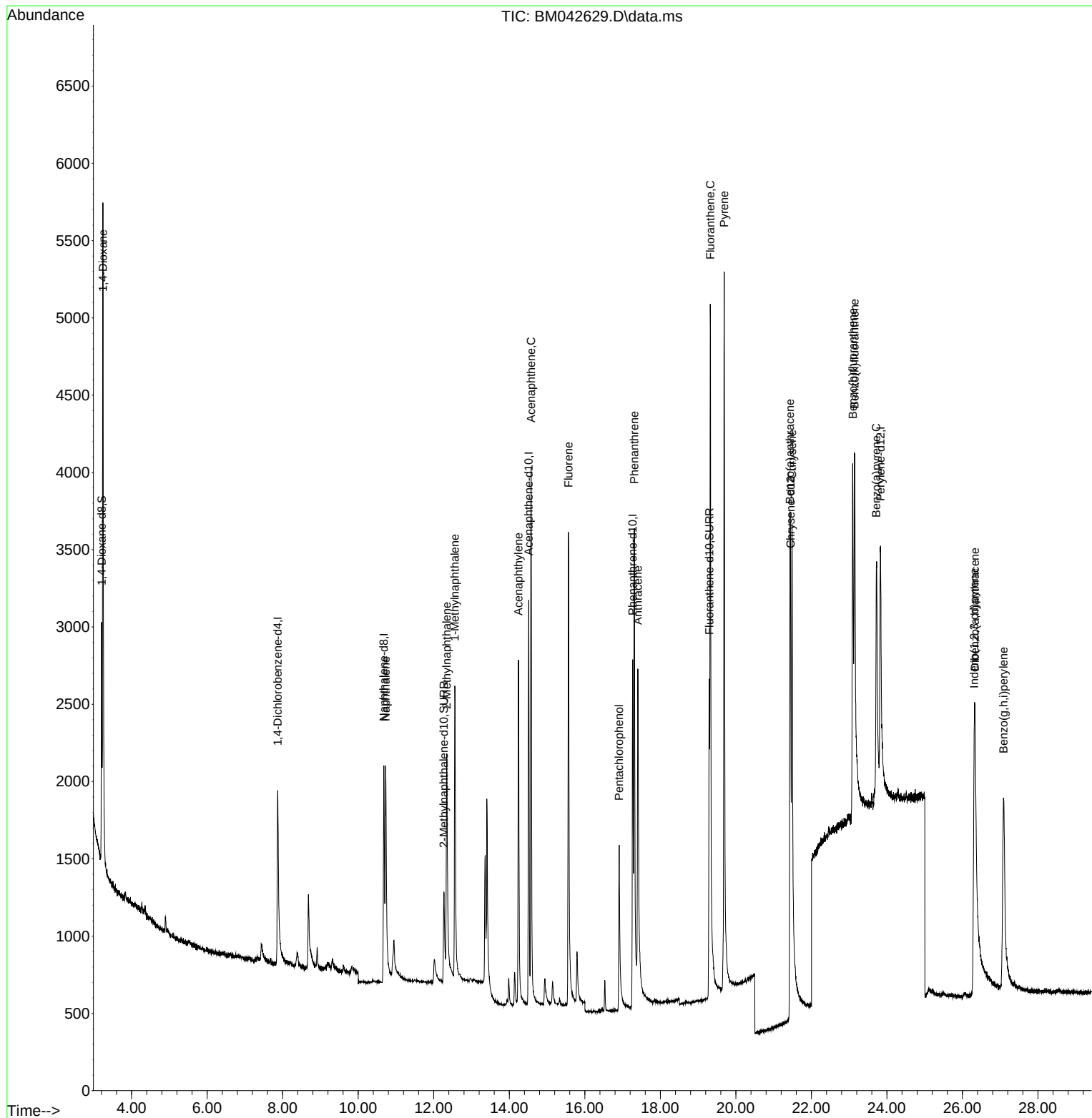
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	1030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	2592	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.516	164	1546	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	3263	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	2385	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	2761	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	955	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1215	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	2927	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	2679	1.656	ng/ul#	60
5) Naphthalene	10.728	128	2548	0.304	ng/ul	96
7) 2-Methylnaphthalene	12.344	142	1571	0.293	ng/ul	93
8) 1-Methylnaphthalene	12.559	142	1539	0.283	ng/ul	99
10) Acenaphthylene	14.243	152	3152	0.298	ng/ul	97
11) Acenaphthene	14.576	153	2208	0.308	ng/ul	99
12) Fluorene	15.566	166	2543	0.309	ng/ul	98
14) Pentachlorophenol	16.909	266	1044	0.627	ng/ul	98
15) Phenanthrene	17.310	178	3905	0.309	ng/ul	99
16) Anthracene	17.403	178	3516	0.307	ng/ul	97
19) Fluoranthene	19.323	202	4717	0.316	ng/ul	98
20) Pyrene	19.690	202	5185	0.316	ng/ul	99
21) Benzo(a)anthracene	21.432	228	3180	0.300	ng/ul	100
22) Chrysene	21.487	228	3385	0.308	ng/ul	99
24) Benzo(b)fluoranthene	23.095	252	3548	0.318	ng/ul	96
25) Benzo(k)fluoranthene	23.142	252	3843	0.329	ng/ul	98
26) Benzo(a)pyrene	23.721	252	3793	0.329	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.309	276	4548	0.303	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.332	278	3315	0.309	ng/ul	95
29) Benzo(g,h,i)perylene	27.087	276	4056	0.291	ng/ul	99

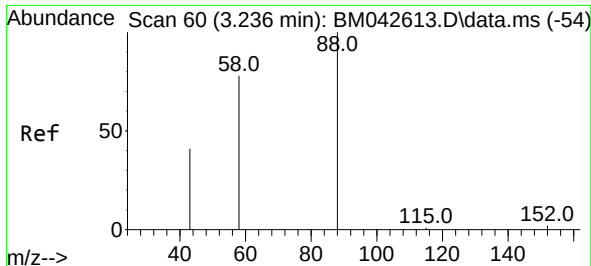
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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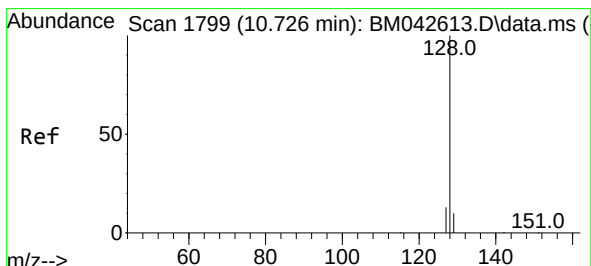
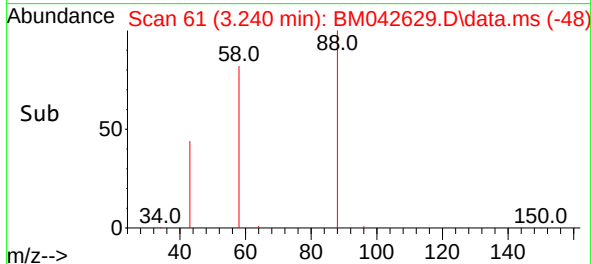
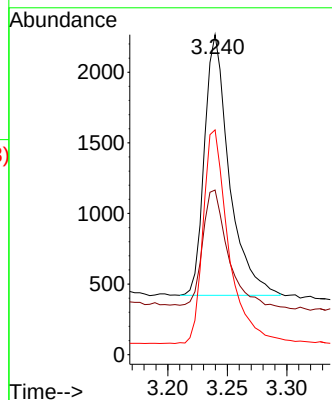
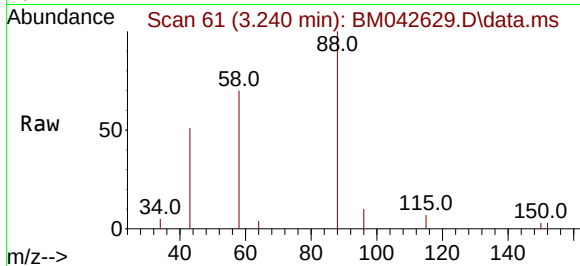




#2
1,4-Dioxane
Concen: 1.656 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

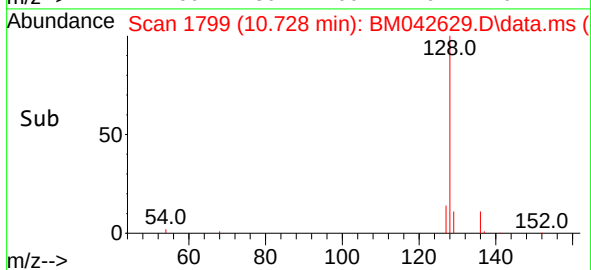
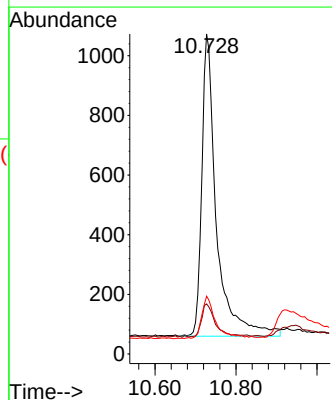
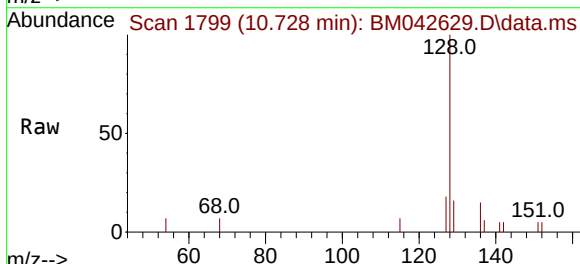
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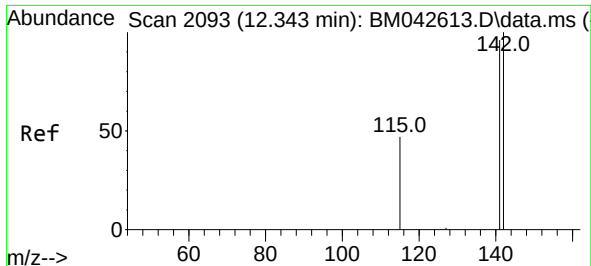
Tgt Ion: 88 Resp: 2679
Ion Ratio Lower Upper
88 100
43 51.5 77.5 116.3#
58 70.3 40.9 61.3#



#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.728 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion: 128 Resp: 2548
Ion Ratio Lower Upper
128 100
129 15.7 11.3 16.9
127 18.1 13.0 19.4

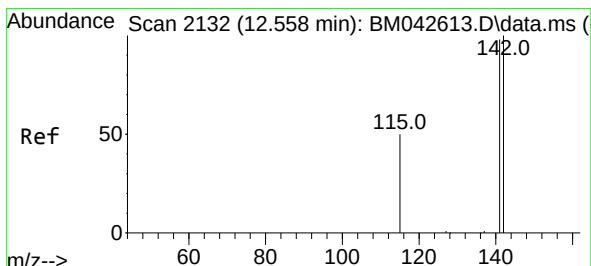
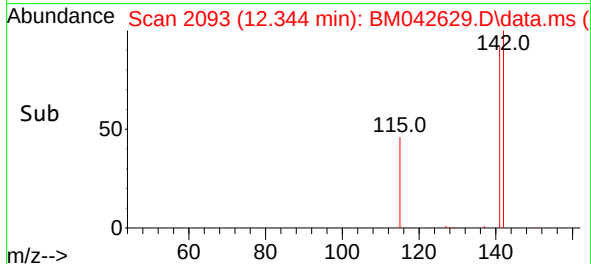
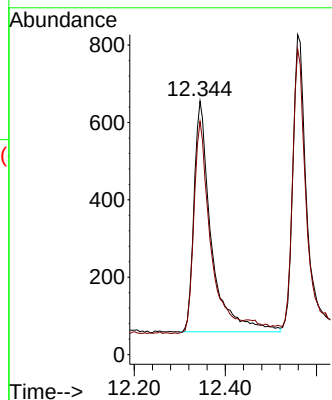
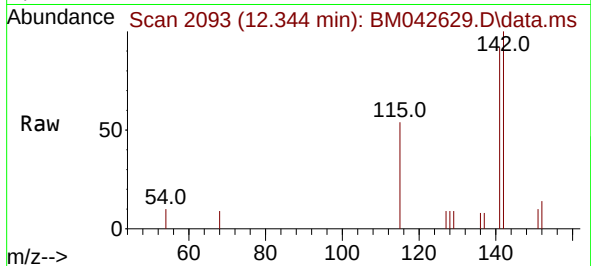




#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.344 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

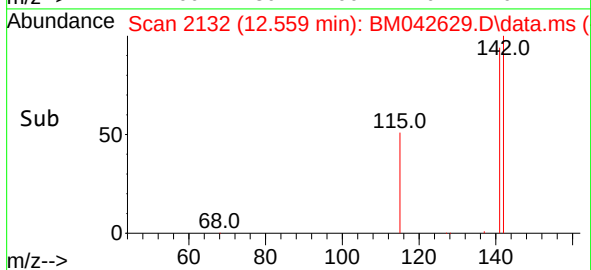
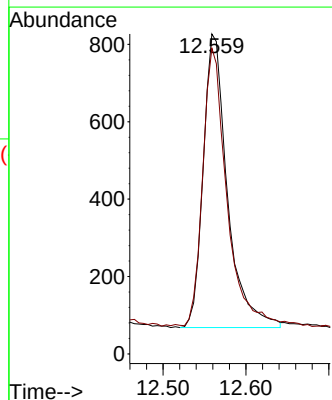
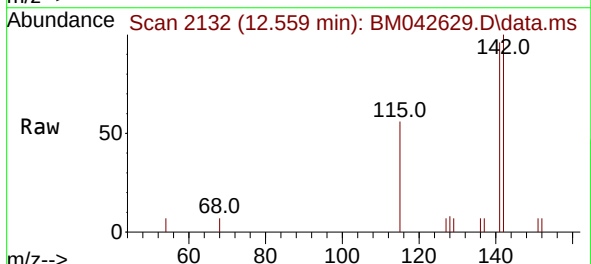
Instrument :
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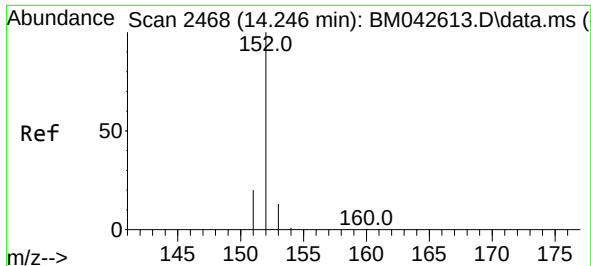
Tgt Ion:142 Resp: 1571
Ion Ratio Lower Upper
142 100
141 96.4 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:142 Resp: 1539
Ion Ratio Lower Upper
142 100
141 93.4 75.4 113.2

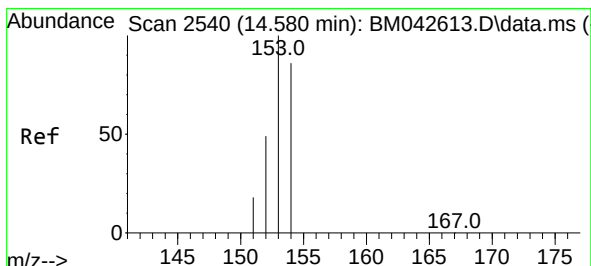
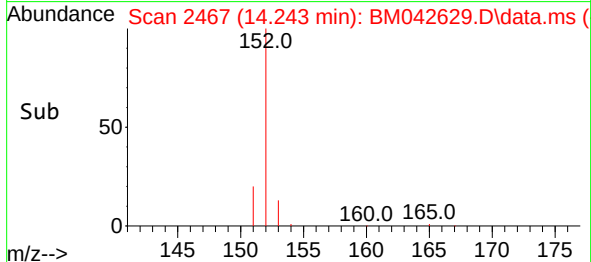
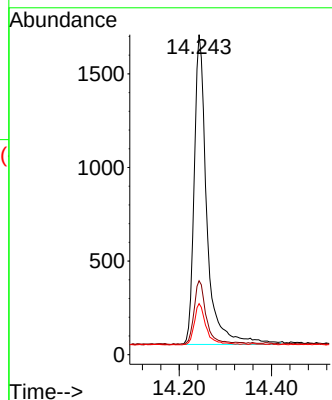
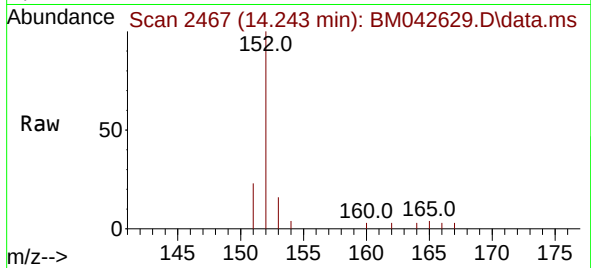




#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

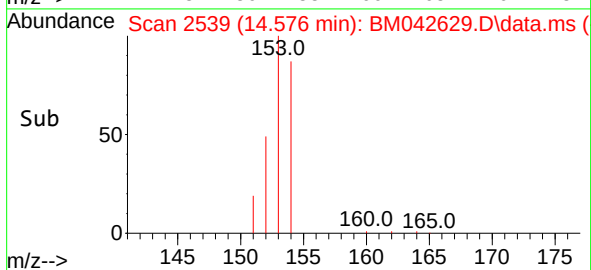
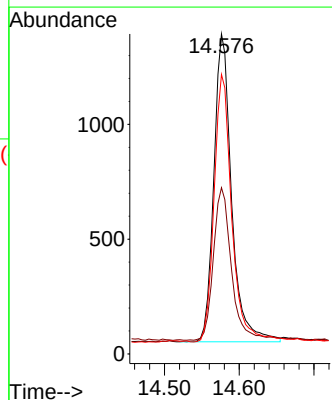
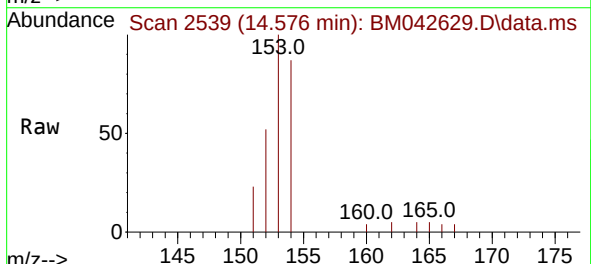
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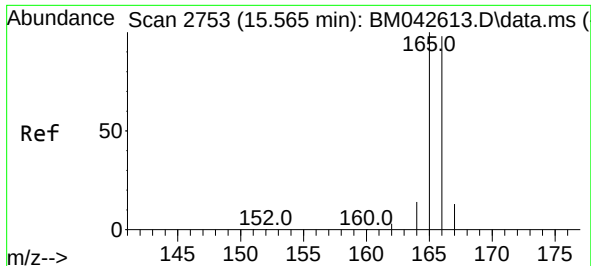
Tgt Ion:152 Resp: 3152
Ion Ratio Lower Upper
152 100
151 23.1 17.2 25.8
153 16.0 11.8 17.8



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.576 min Scan# 2539
Delta R.T. -0.002 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:153 Resp: 2208
Ion Ratio Lower Upper
153 100
152 51.9 41.8 62.6
154 87.4 69.2 103.8

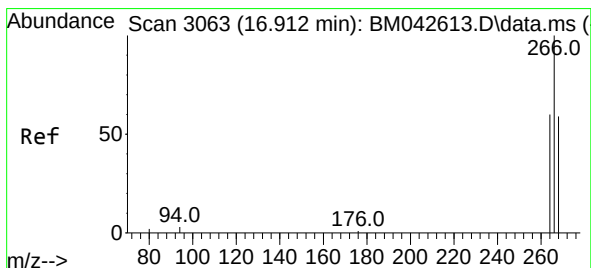
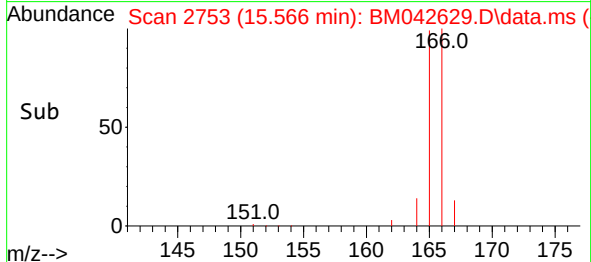
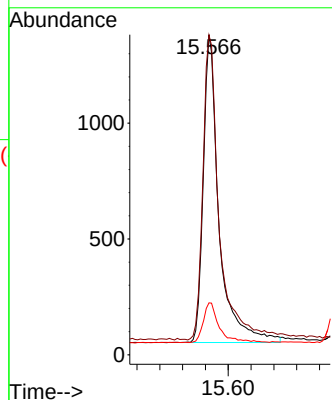
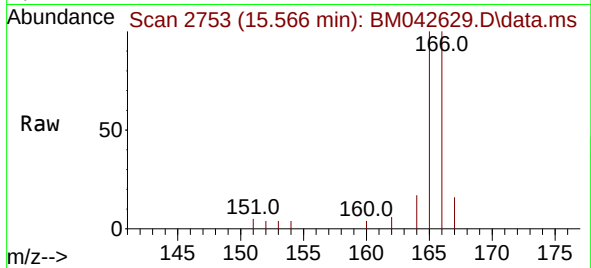




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.566 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

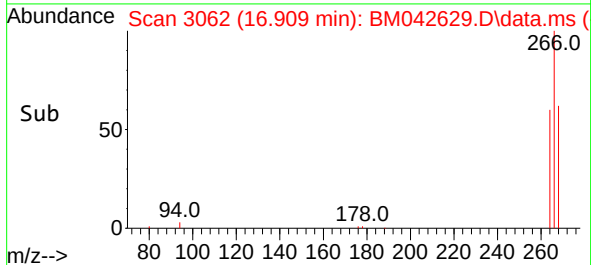
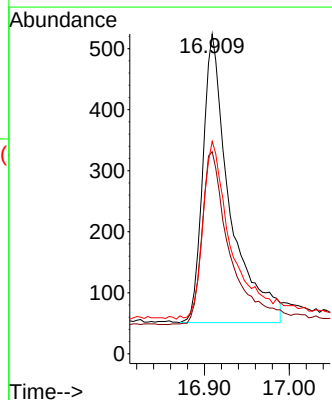
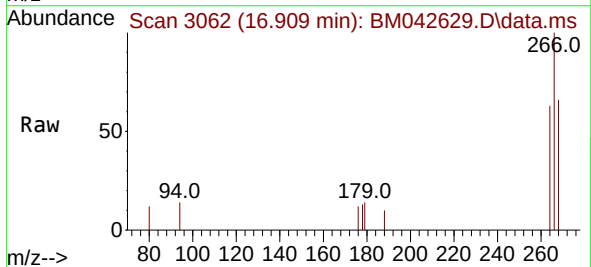
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ClientSampleId :
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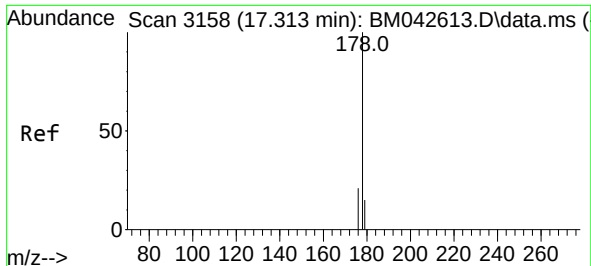
Tgt Ion:166 Resp: 2543
Ion Ratio Lower Upper
166 100
165 99.9 81.2 121.8
167 16.2 11.9 17.9



#14
Pentachlorophenol
Concen: 0.627 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.002 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:266 Resp: 1044
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 65.6 54.8 82.2

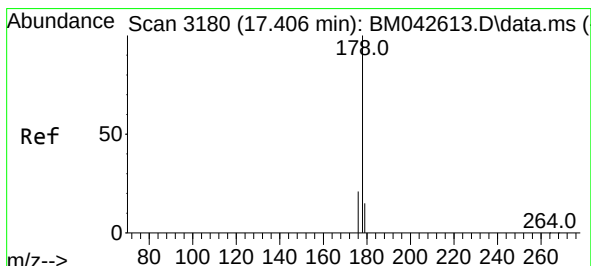
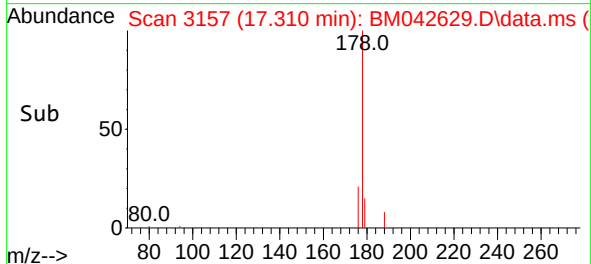
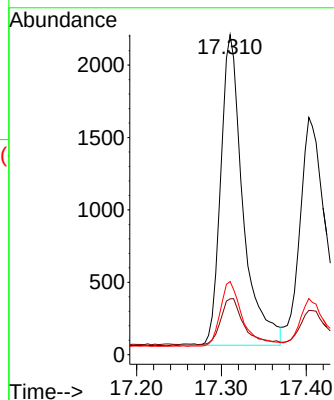
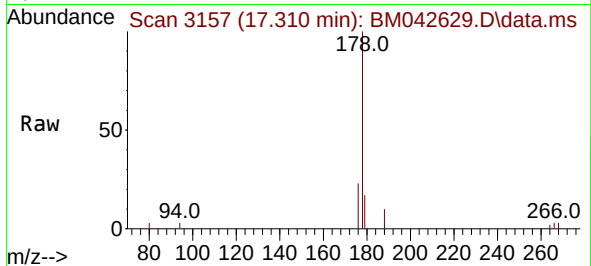




#15
Phenanthrene
Concen: 0.309 ng/u1
RT: 17.310 min Scan# 3158
Delta R.T. -0.002 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

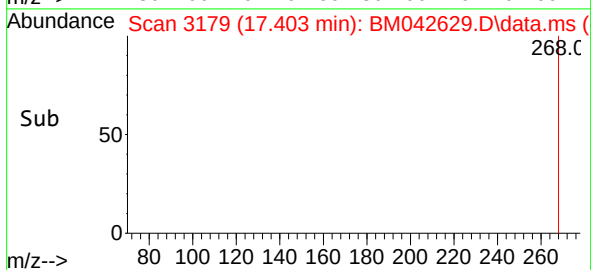
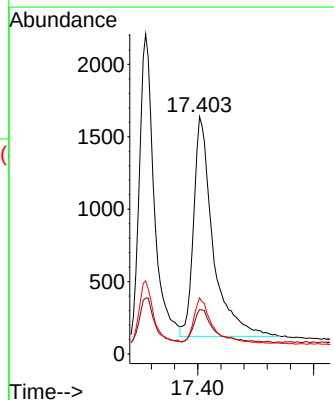
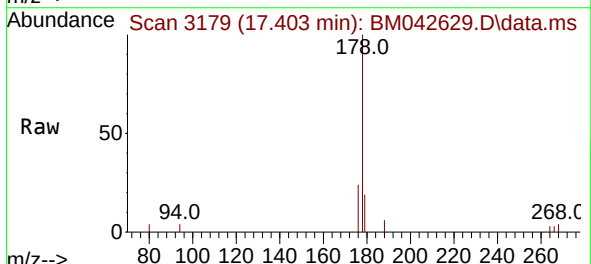
Instrument :
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ClientSampleId :
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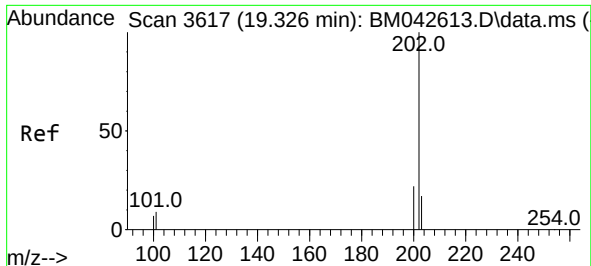
Tgt Ion:178 Resp: 3905
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 22.9 18.2 27.2



#16
Anthracene
Concen: 0.307 ng/u1
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:178 Resp: 3516
Ion Ratio Lower Upper
178 100
179 18.7 14.2 21.4
176 23.7 17.6 26.4

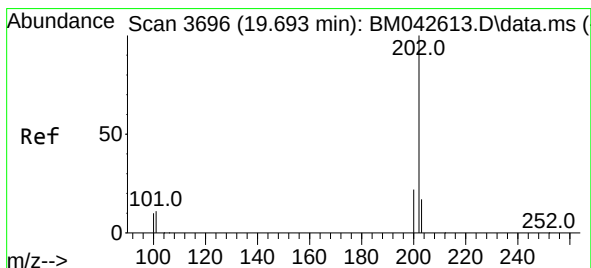
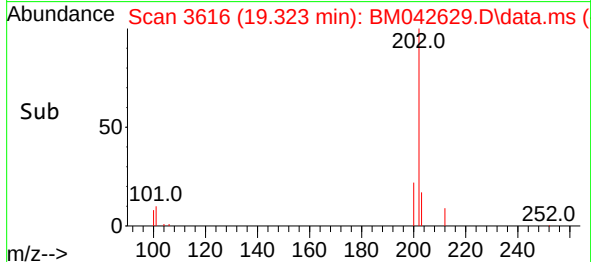
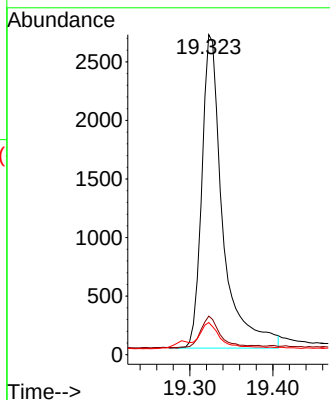
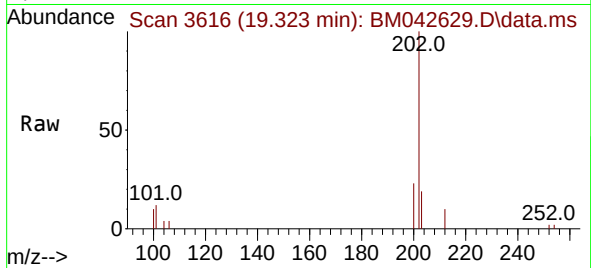




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

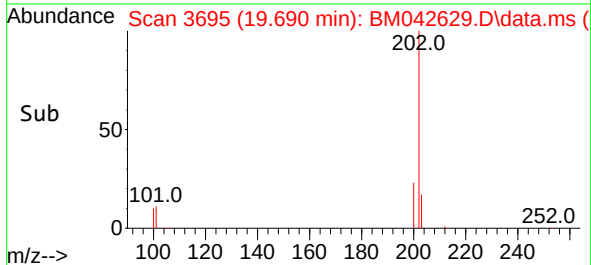
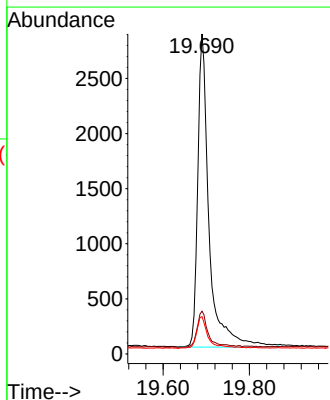
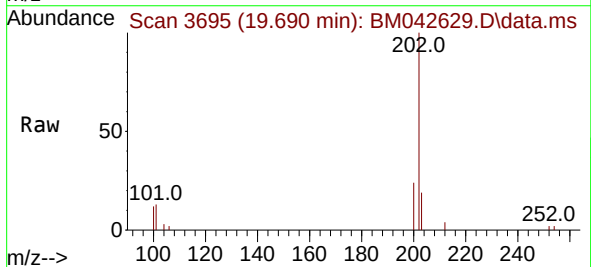
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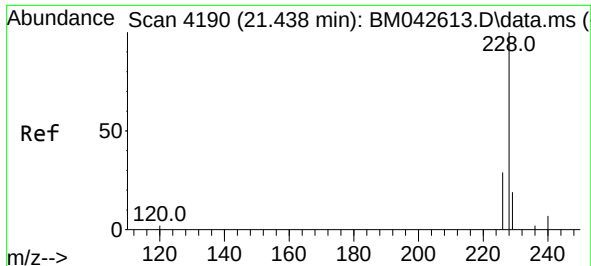
Tgt Ion:202 Resp: 4717
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.6
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:202 Resp: 5185
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 11.6 8.6 13.0

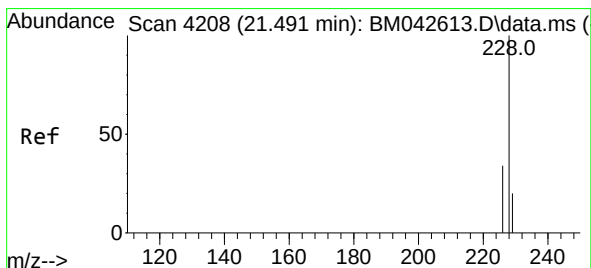
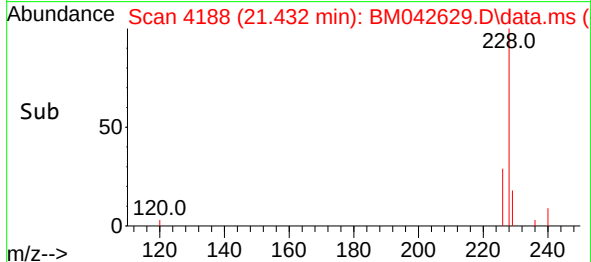
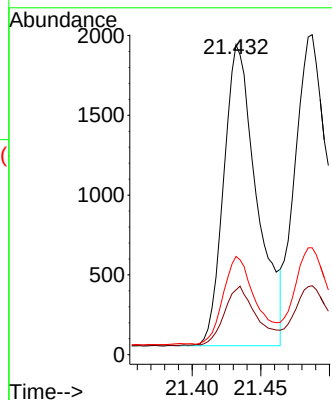
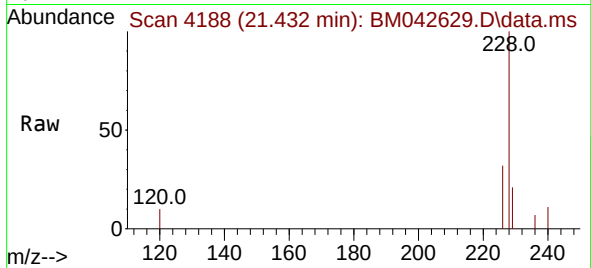




#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.432 min Scan# 4190
Delta R.T. -0.005 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

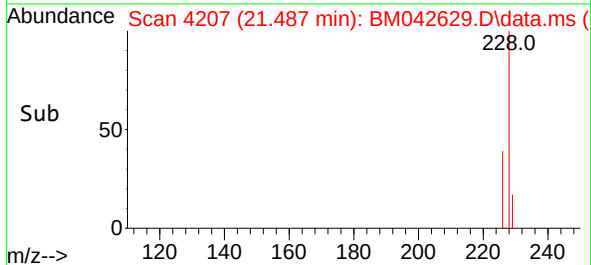
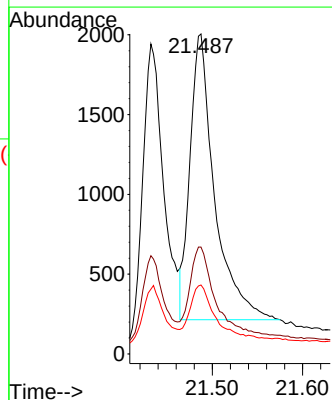
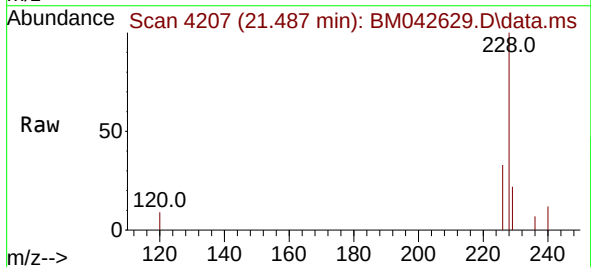
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ClientSampleId :
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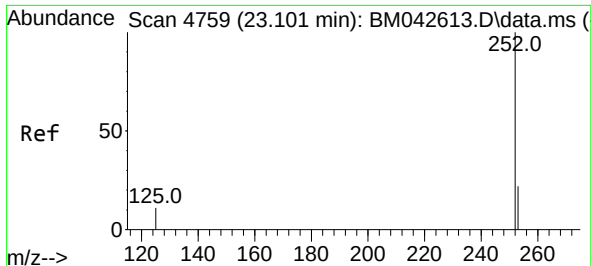
Tgt Ion:228 Resp: 3180
Ion Ratio Lower Upper
228 100
229 20.9 17.0 25.4
226 31.7 25.2 37.8



#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.487 min Scan# 4207
Delta R.T. -0.005 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:228 Resp: 3385
Ion Ratio Lower Upper
228 100
226 33.4 27.4 41.0
229 21.5 17.0 25.6

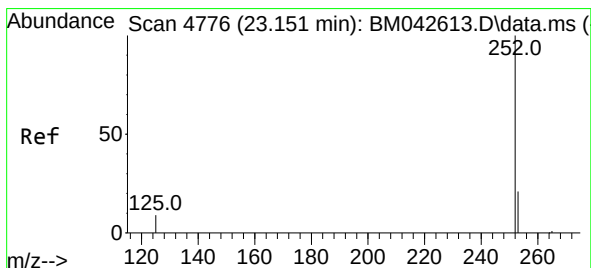
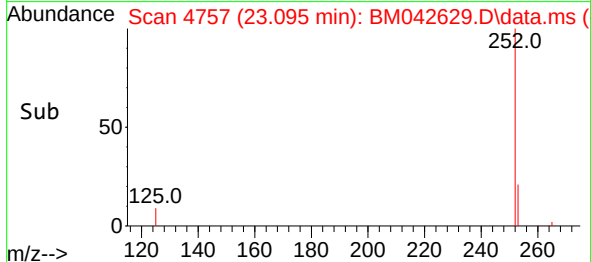
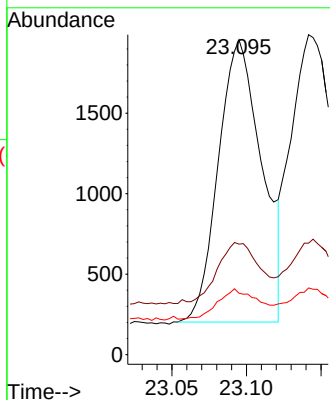
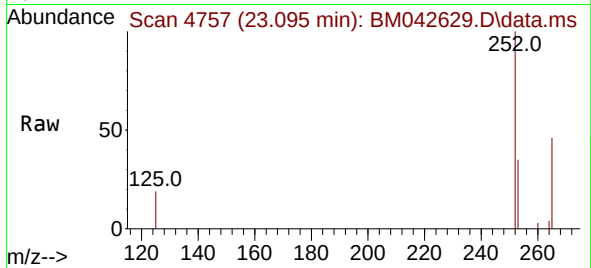




#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.005 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

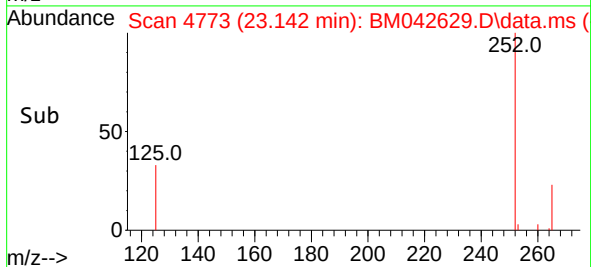
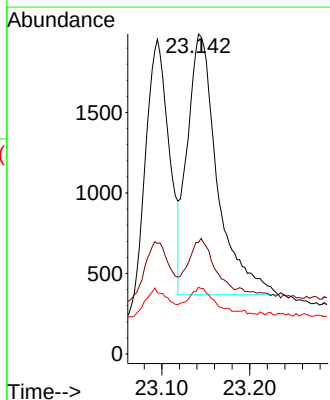
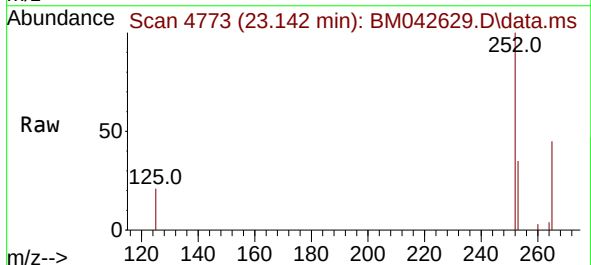
Instrument :
BNA_M
ClientSampleId :
SLCS842

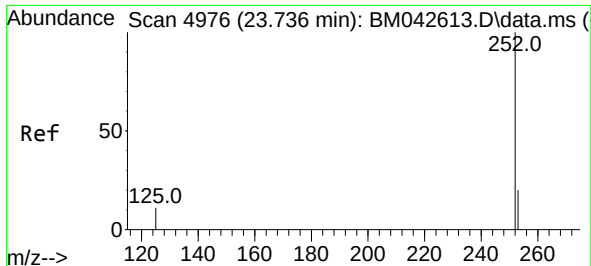
Tgt Ion:252 Resp: 3548
Ion Ratio Lower Upper
252 100
253 35.1 0.0 65.8
125 19.5 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:252 Resp: 3843
Ion Ratio Lower Upper
252 100
253 34.9 27.0 40.6
125 20.8 17.5 26.3

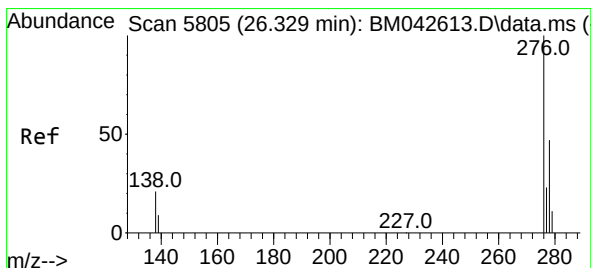
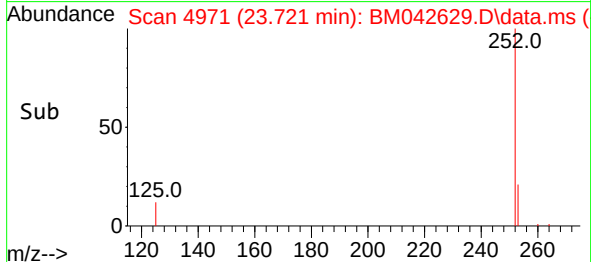
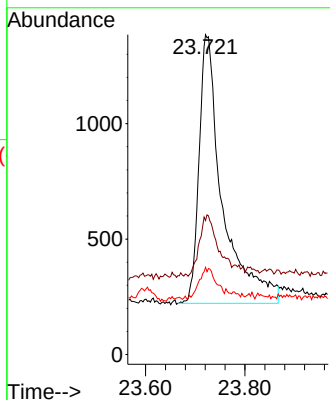
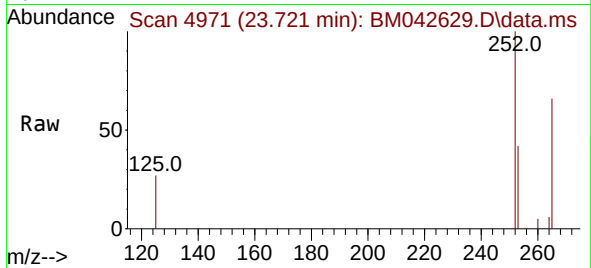




#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.721 min Scan# 4976
Delta R.T. -0.013 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

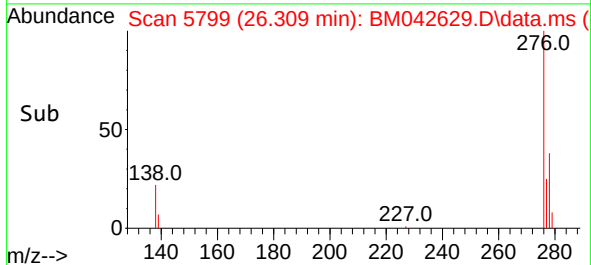
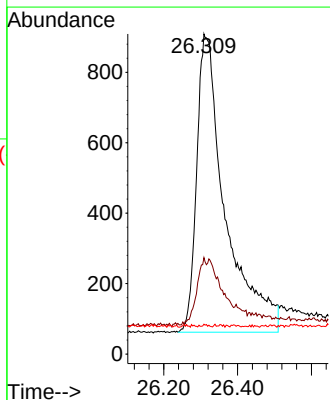
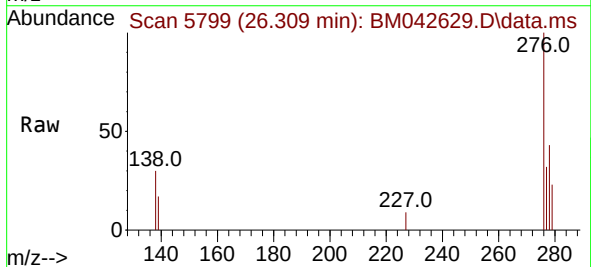
Instrument :
BNA_M
ClientSampleId :
SLCS842

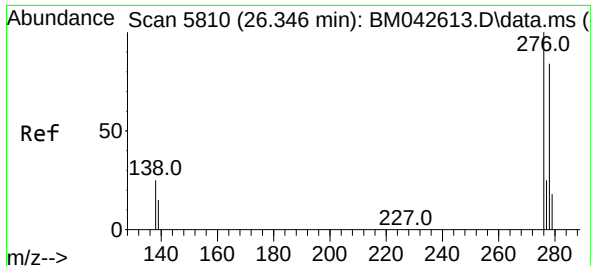
Tgt Ion:252 Resp: 3793
Ion Ratio Lower Upper
252 100
253 41.9 31.7 47.5
125 27.3 22.1 33.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.309 min Scan# 5799
Delta R.T. -0.019 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:276 Resp: 4548
Ion Ratio Lower Upper
276 100
138 24.1 20.7 31.1
227 0.2 0.1 0.1#

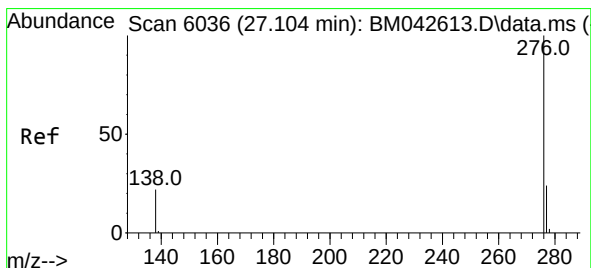
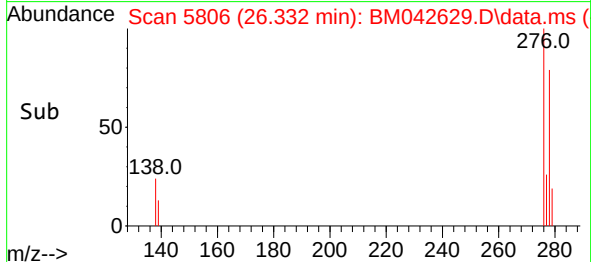
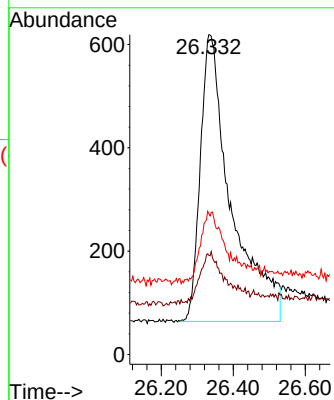
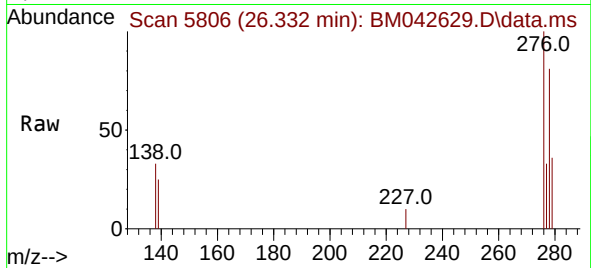




#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 26.332 min Scan# 5810
Delta R.T. -0.016 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Instrument :
BNA_M
ClientSampleId :
SLCS842

Tgt Ion:278 Resp: 3315
Ion Ratio Lower Upper
278 100
139 31.0 24.3 36.5
279 43.9 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042629.D
Acq: 08 Nov 2023 01:21

Tgt Ion:276 Resp: 4056
Ion Ratio Lower Upper
276 100
138 27.6 22.3 33.5
277 29.2 23.6 35.4

