

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
 Data File : BM043636.D
 Acq On : 28 Dec 2023 11:37
 Operator : MA/JU
 Sample : PB158079BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS079

Quant Time: Dec 28 12:15:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 22:58:31 2023
 Response via : Initial Calibration

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

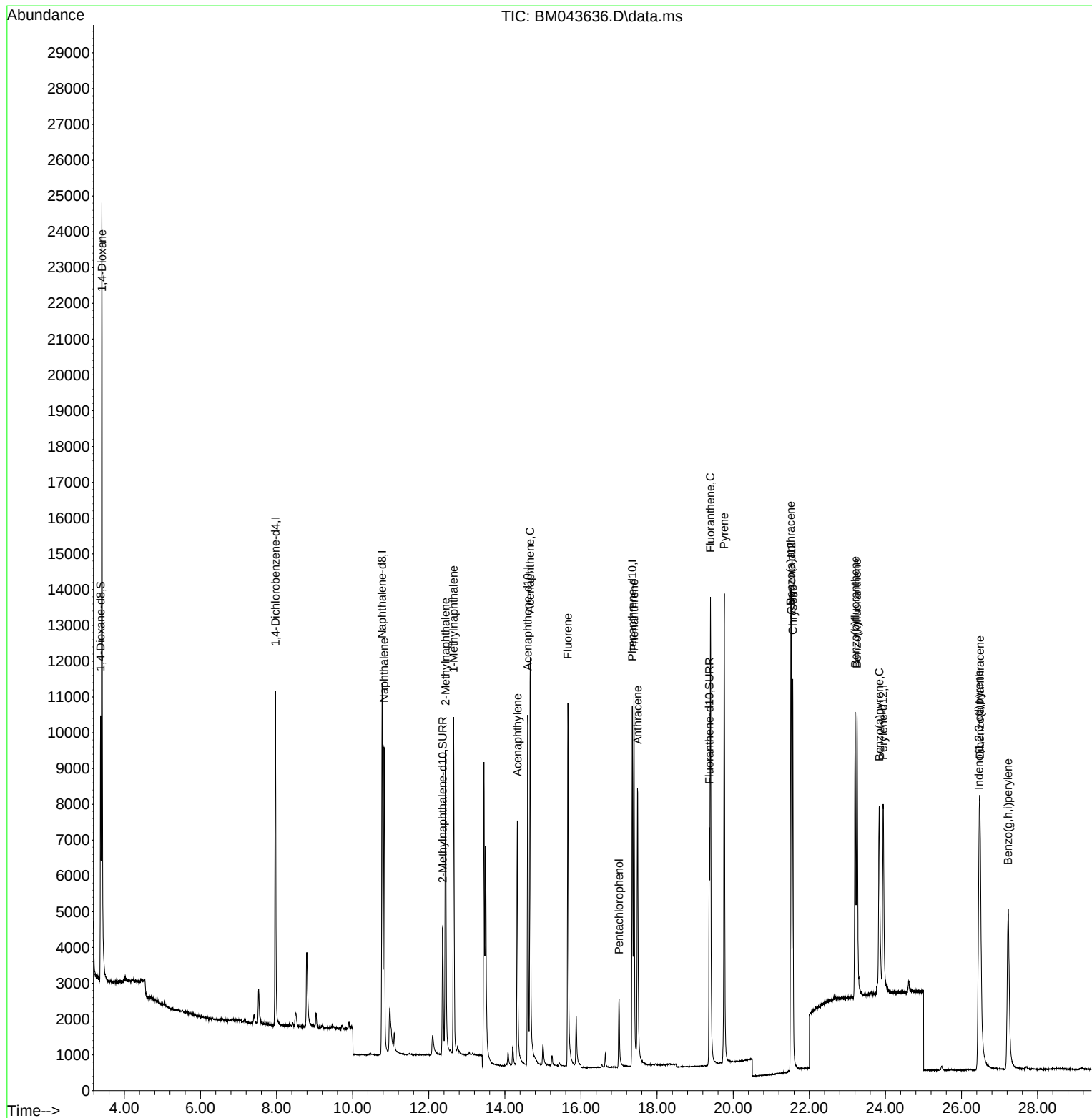
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	5246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	15470	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.601	164	6314	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	12635	0.400	ng/ul #	0.00
17) Chrysene-d12	21.527	240	7883	0.400	ng/ul #	0.00
23) Perylene-d12	23.941	264	8700	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4378	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5864	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	7918	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	13461	2.025	ng/ul#	79
5) Naphthalene	10.823	128	13175	0.283	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	7565	0.252	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	7263	0.241	ng/ul	100
10) Acenaphthylene	14.328	152	10279	0.296	ng/ul	98
11) Acenaphthene	14.666	153	7438	0.294	ng/ul	99
12) Fluorene	15.656	166	8172	0.285	ng/ul	99
14) Pentachlorophenol	16.999	266	1702	0.608	ng/ul	99
15) Phenanthrene	17.392	178	12349	0.293	ng/ul	98
16) Anthracene	17.485	178	11384	0.297	ng/ul	97
19) Fluoranthene	19.403	202	12152	0.273	ng/ul#	90
20) Pyrene	19.766	202	12452	0.282	ng/ul#	92
21) Benzo(a)anthracene	21.512	228	10011	0.289	ng/ul	99
22) Chrysene	21.565	228	11197	0.306	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	10675	0.270	ng/ul	89
25) Benzo(k)fluoranthene	23.254	252	12667	0.309	ng/ul#	87
26) Benzo(a)pyrene	23.839	252	9965	0.306	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.461	276	13271	0.358	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.485	278	10795	0.367	ng/ul#	90
29) Benzo(g,h,i)perylene	27.226	276	11472	0.362	ng/ul	95

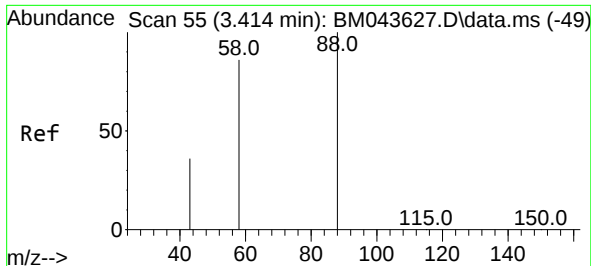
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 26 22:58:31 2023
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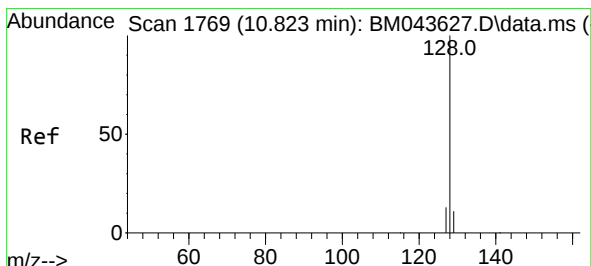
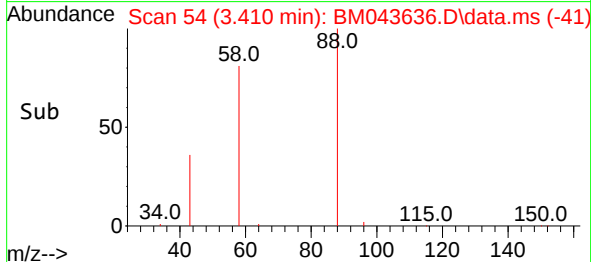
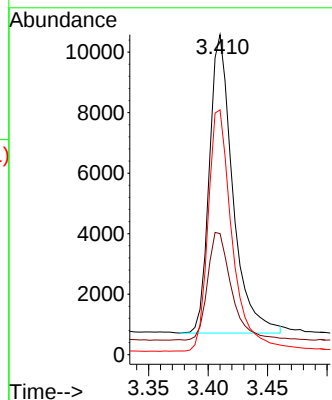
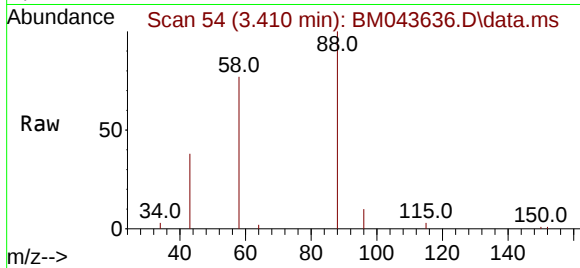




#2
 1,4-Dioxane
 Concen: 2.025 ng/ul
 RT: 3.410 min Scan# 54
 Delta R.T. -0.004 min
 Lab File: BM043636.D
 Acq: 28 Dec 2023 11:37

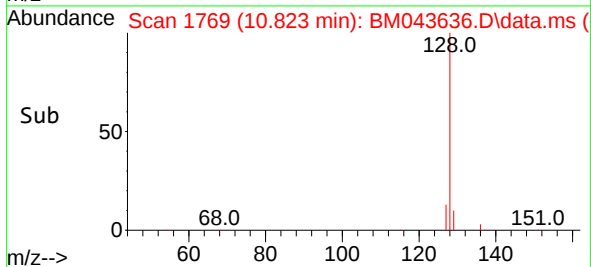
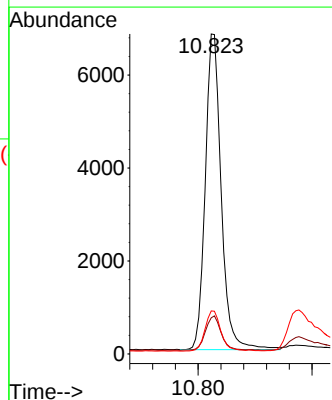
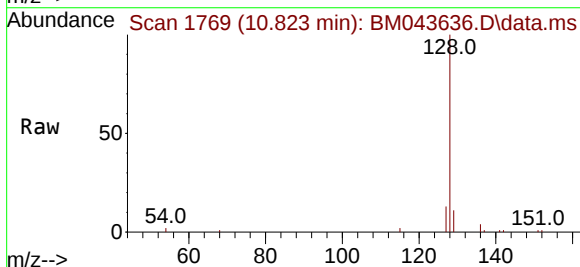
Instrument :
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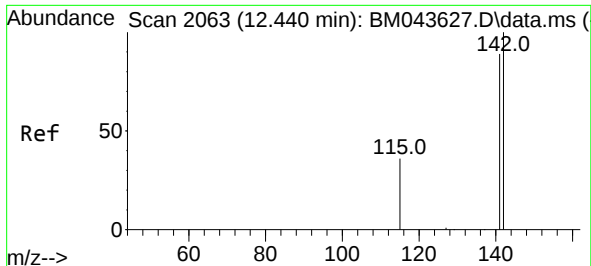
Tgt Ion: 88 Resp: 13461
 Ion Ratio Lower Upper
 88 100
 43 37.9 27.9 41.9
 58 76.5 43.4 65.2#



#5
 Naphthalene
 Concen: 0.283 ng/ul
 RT: 10.823 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: BM043636.D
 Acq: 28 Dec 2023 11:37

Tgt Ion: 128 Resp: 13175
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.4
 127 13.4 10.3 15.5

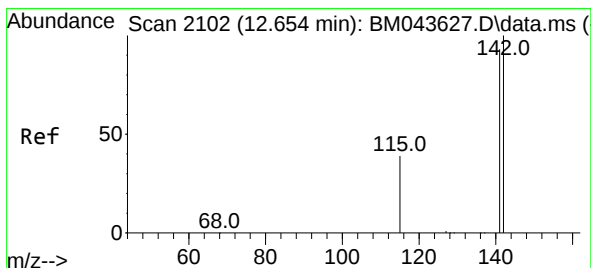
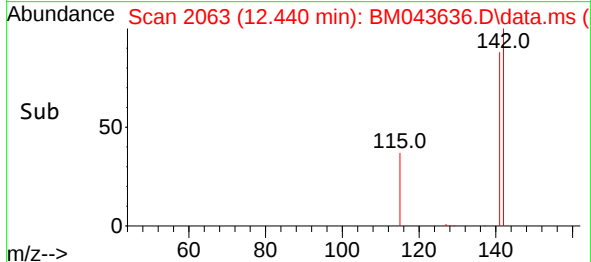
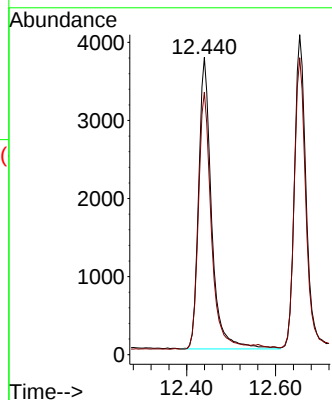
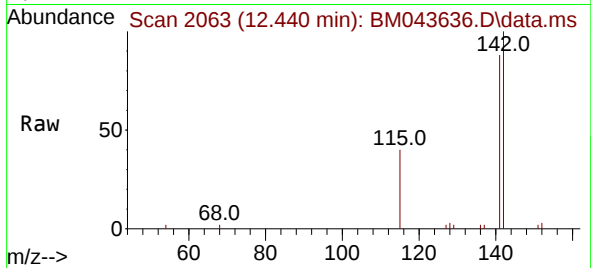




#7
2-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

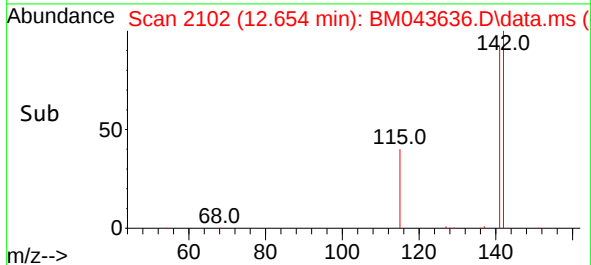
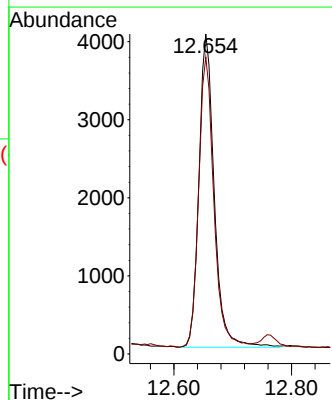
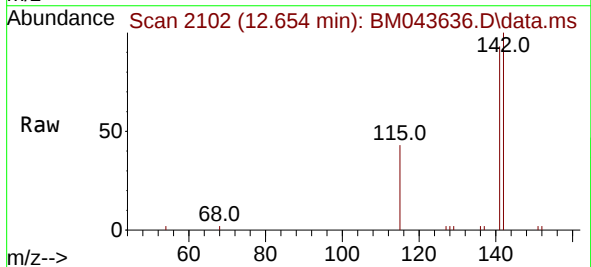
Instrument :
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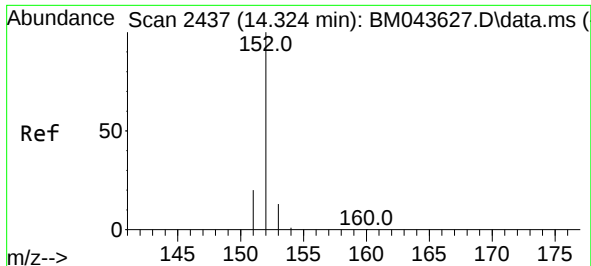
Tgt Ion:142 Resp: 7565
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:142 Resp: 7263
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

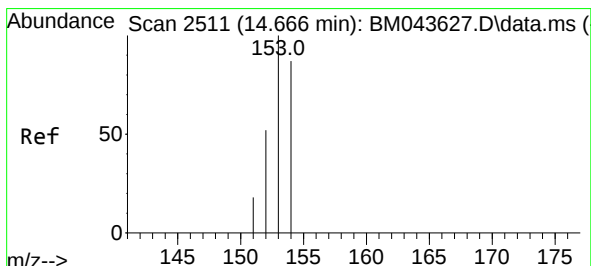
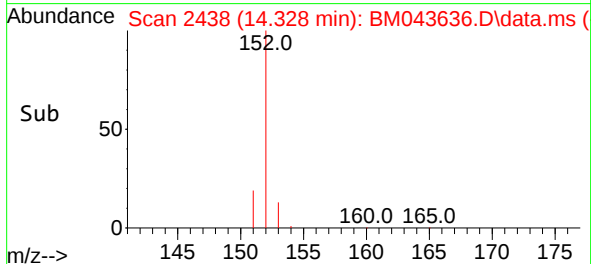
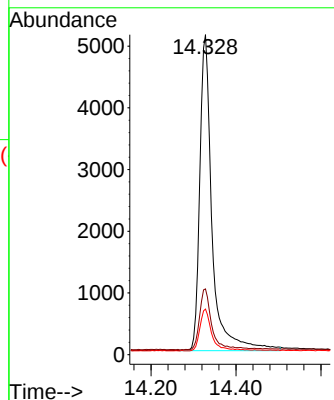
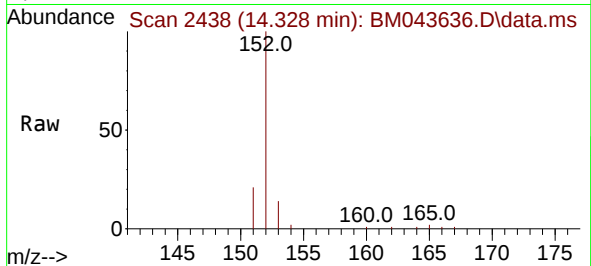




#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

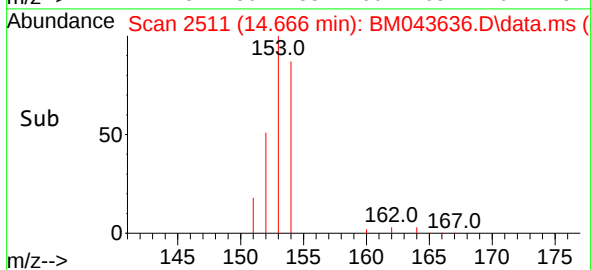
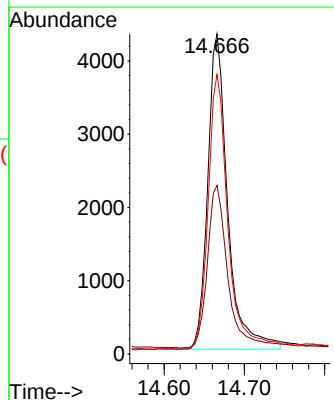
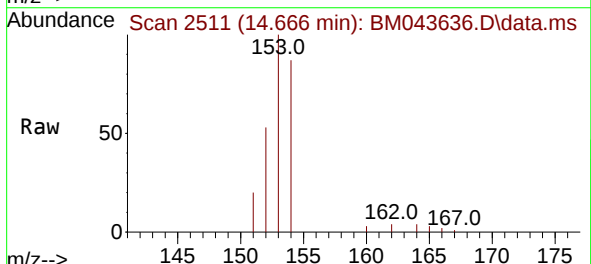
Instrument :
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ClientSampleId :
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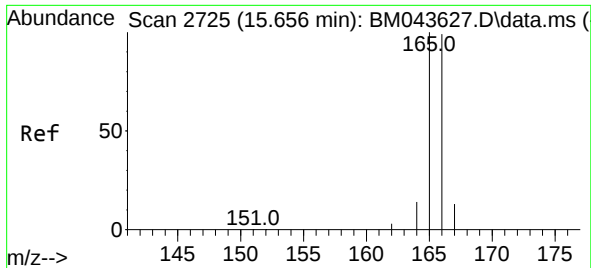
Tgt Ion:152 Resp: 10279
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.2 10.4 15.6



#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:153 Resp: 7438
Ion Ratio Lower Upper
153 100
152 52.7 42.1 63.1
154 87.3 71.3 106.9

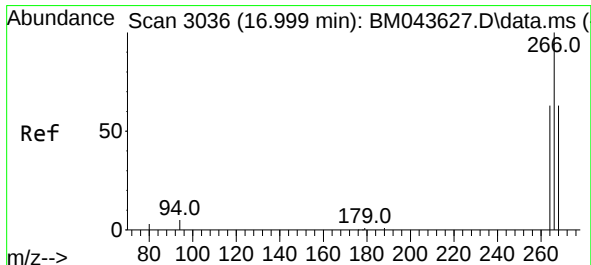
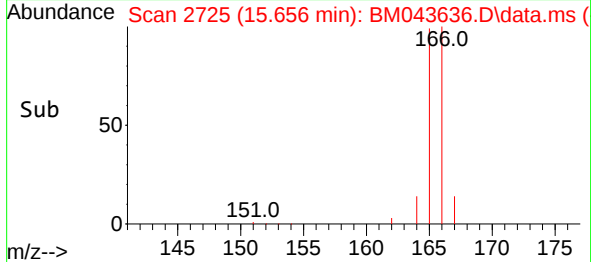
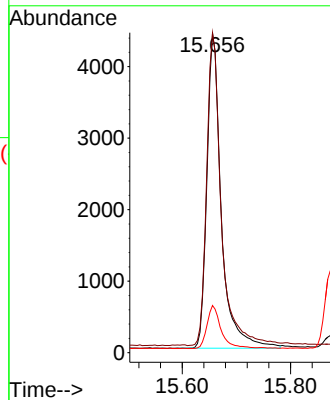
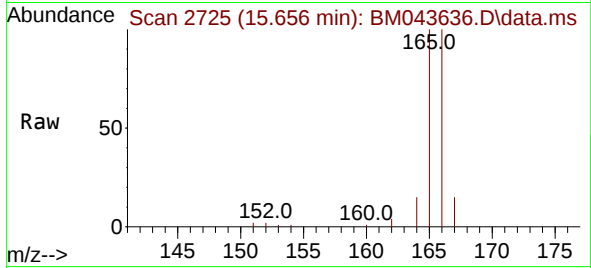




#12
 Fluorene
 Concen: 0.285 ng/ul
 RT: 15.656 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM043636.D
 Acq: 28 Dec 2023 11:37

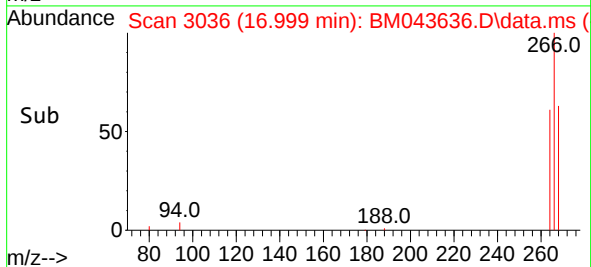
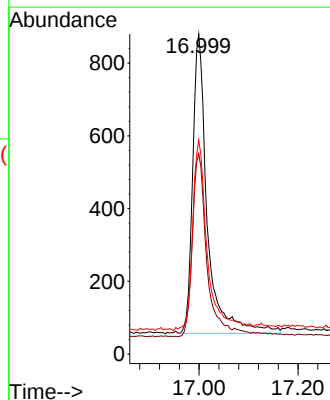
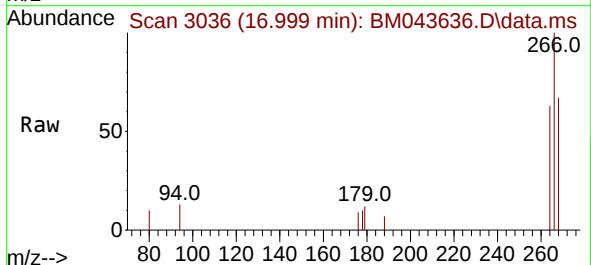
Instrument :
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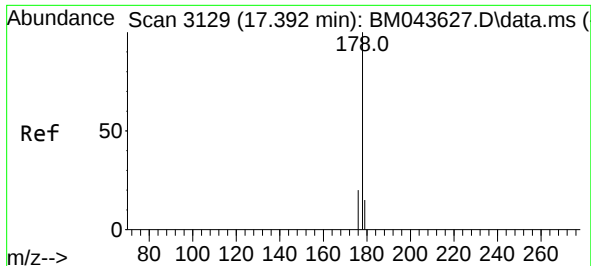
Tgt Ion:	166	Resp:	8172
Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.3	120.5
167	14.8	10.8	16.2



#14
 Pentachlorophenol
 Concen: 0.608 ng/ul
 RT: 16.999 min Scan# 3036
 Delta R.T. -0.004 min
 Lab File: BM043636.D
 Acq: 28 Dec 2023 11:37

Tgt Ion:	266	Resp:	1702
Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.7	77.5
268	64.9	51.9	77.9

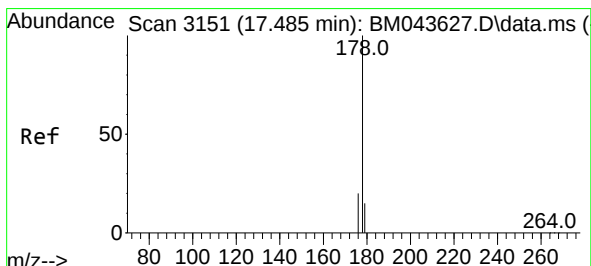
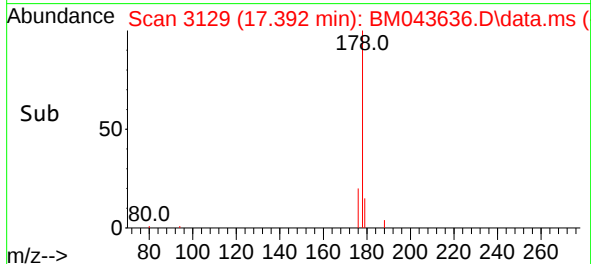
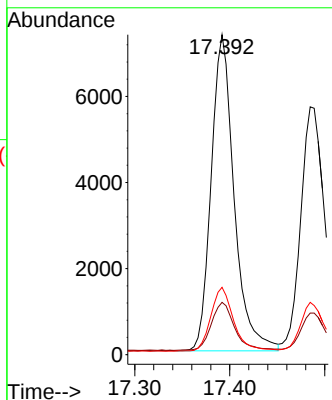
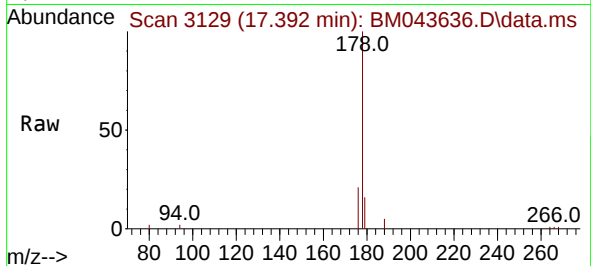




#15
Phenanthrene
Concen: 0.293 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

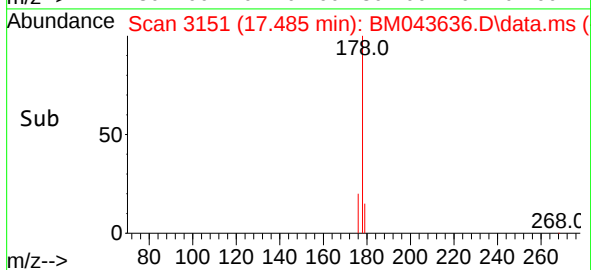
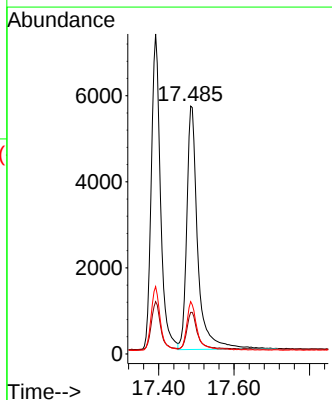
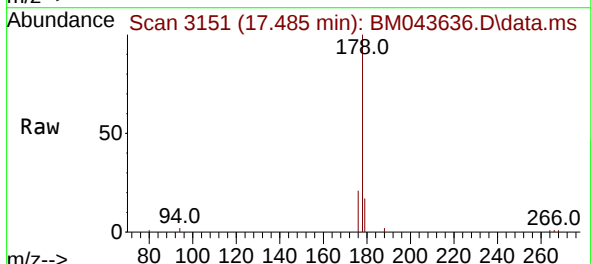
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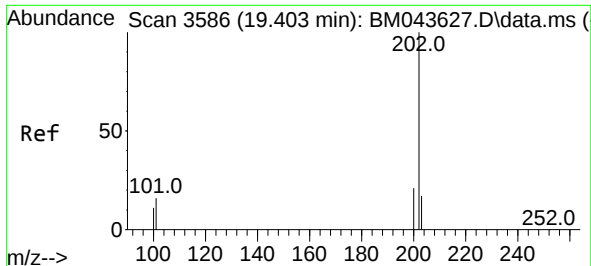
Tgt Ion:	178	Resp:	12349
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.4	18.6
176	21.0	16.2	24.2



#16
Anthracene
Concen: 0.297 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:	178	Resp:	11384
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.6	18.8
176	21.1	15.6	23.4

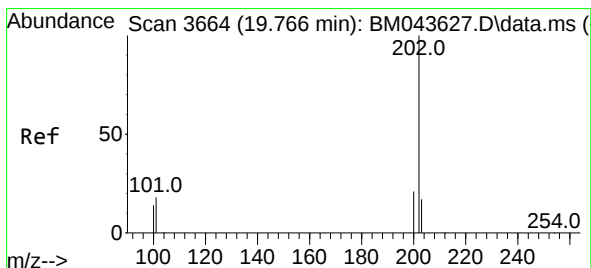
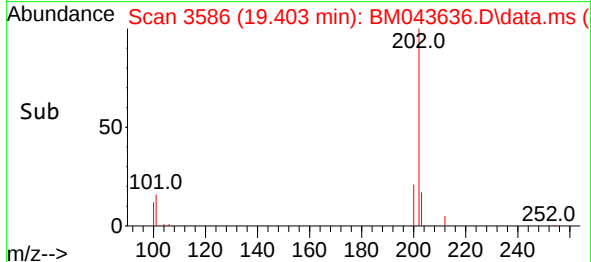
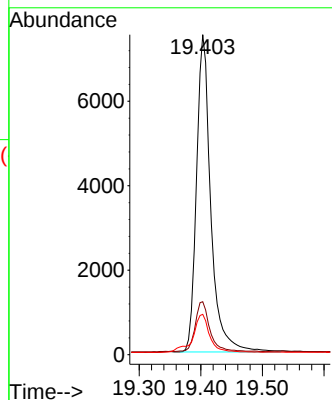
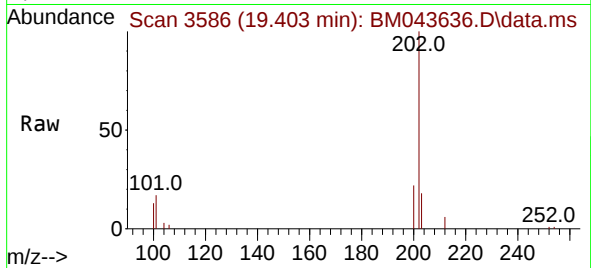




#19
Fluoranthene
Concen: 0.273 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

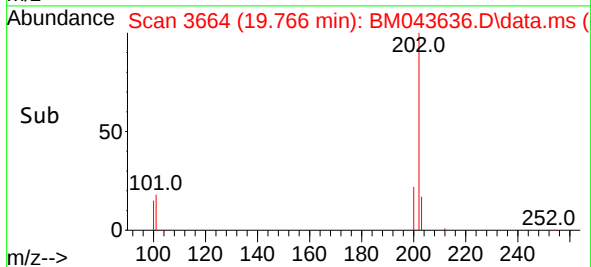
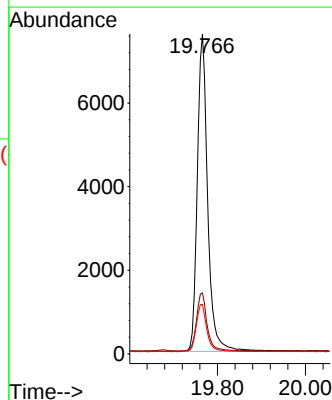
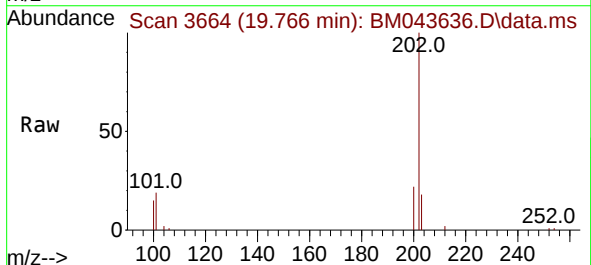
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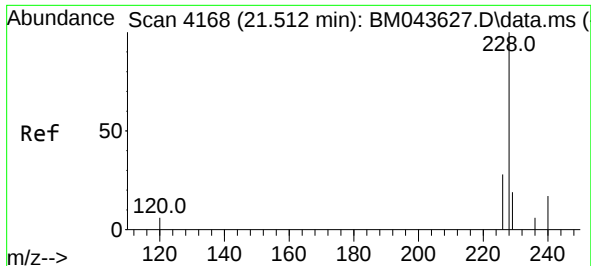
Tgt Ion:202 Resp: 12152
Ion Ratio Lower Upper
202 100
101 16.6 10.1 15.1#
100 12.6 7.4 11.2#



#20
Pyrene
Concen: 0.282 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:202 Resp: 12452
Ion Ratio Lower Upper
202 100
101 19.1 12.7 19.1
100 15.5 9.8 14.8#

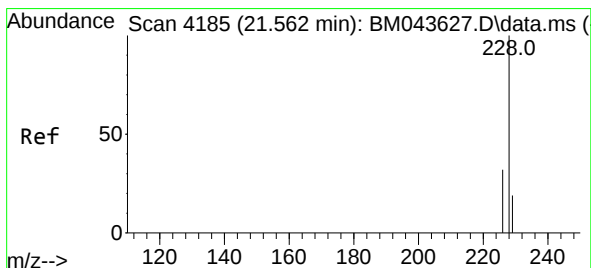
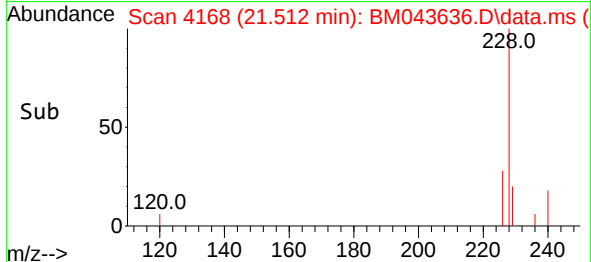
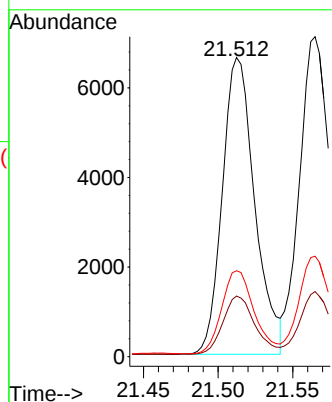
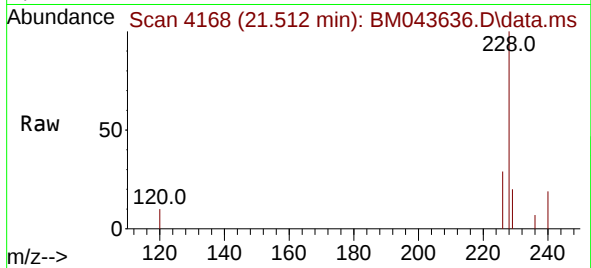




#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

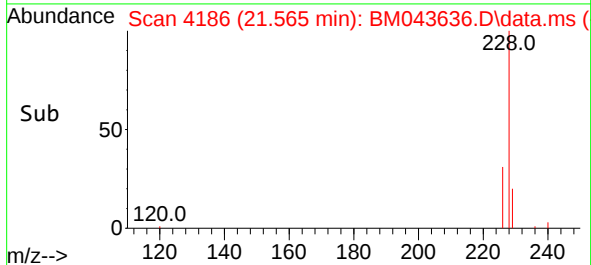
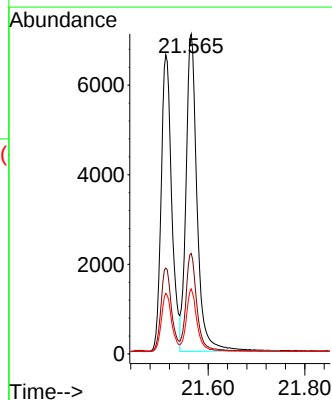
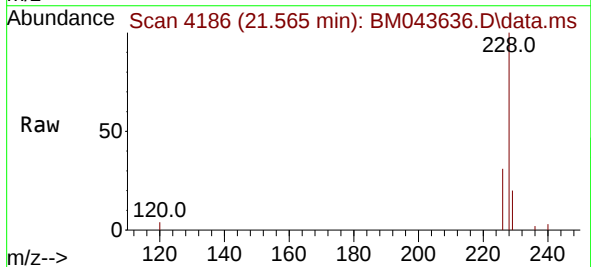
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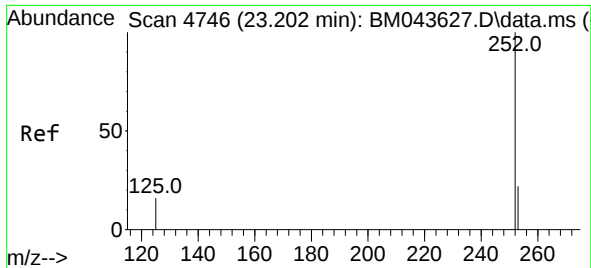
Tgt Ion:228 Resp: 10011
Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 28.7 22.6 34.0



#22
Chrysene
Concen: 0.306 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:228 Resp: 11197
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.4 15.7 23.5

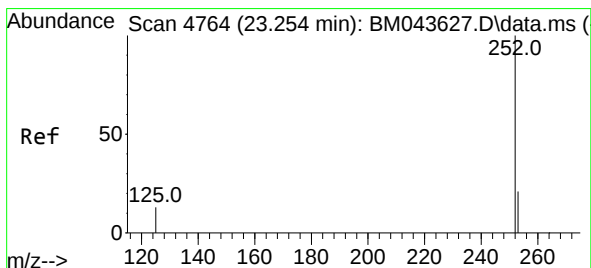
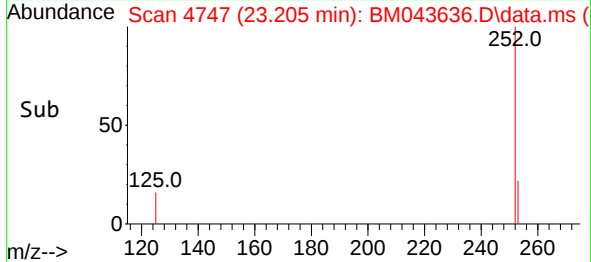
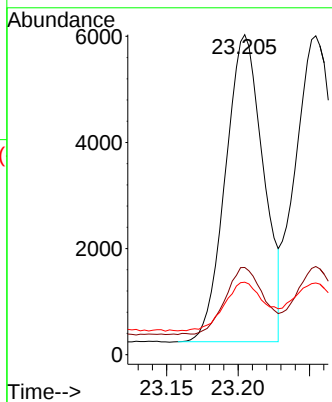
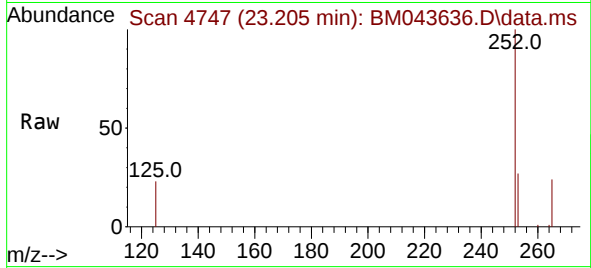




#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

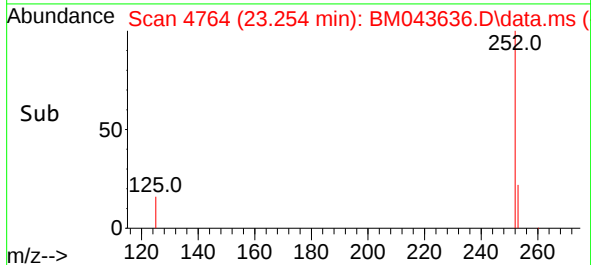
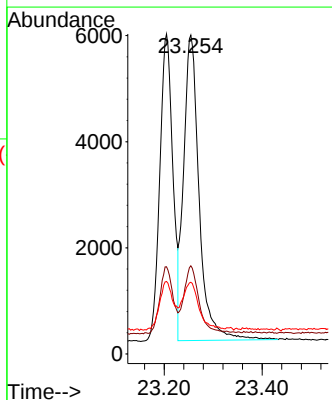
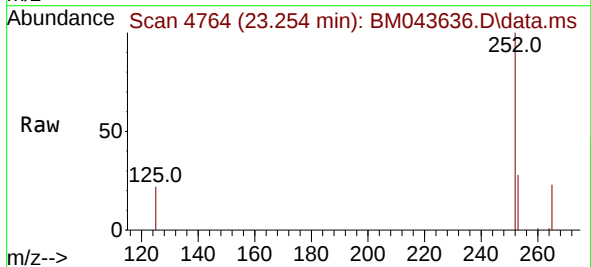
Instrument :
BNA_M
ClientSampleId :
SLCS079

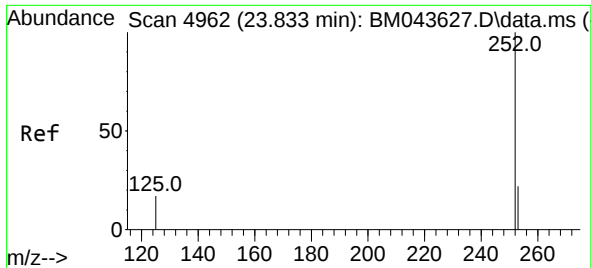
Tgt Ion:252 Resp: 10675
Ion Ratio Lower Upper
252 100
253 27.2 0.0 48.8
125 22.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. -0.000 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:252 Resp: 12667
Ion Ratio Lower Upper
252 100
253 27.7 18.6 28.0
125 22.5 11.8 17.8#

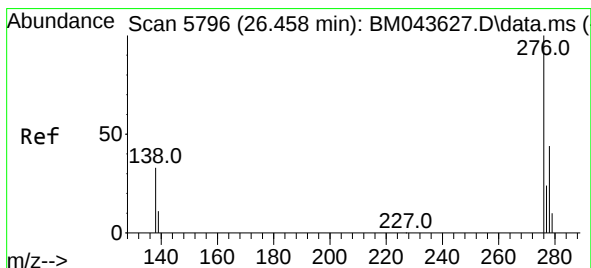
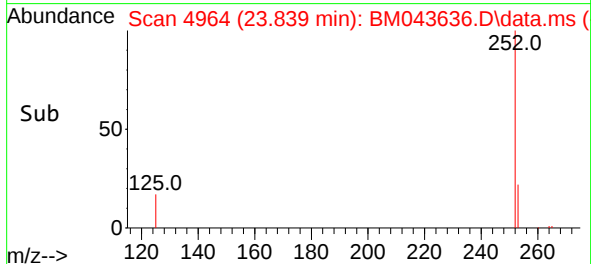
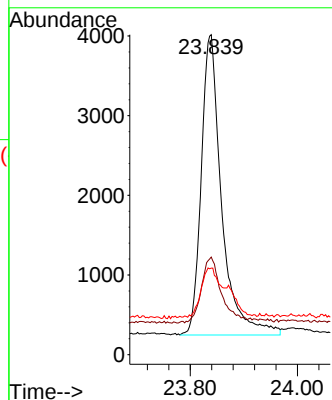
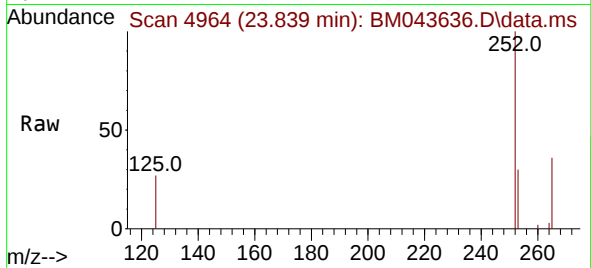




#26
Benzo(a)pyrene
Concen: 0.306 ng/ul
RT: 23.839 min Scan# 4962
Delta R.T. 0.006 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

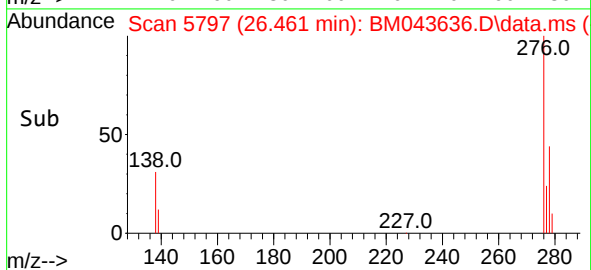
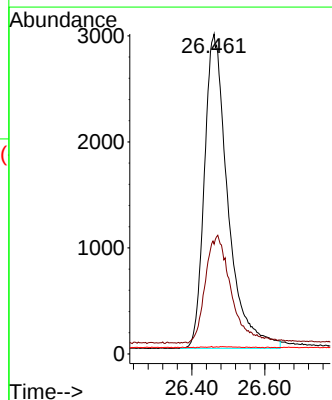
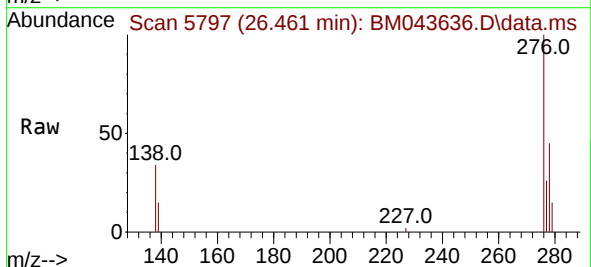
Instrument :
BNA_M
ClientSampleId :
SLCS079

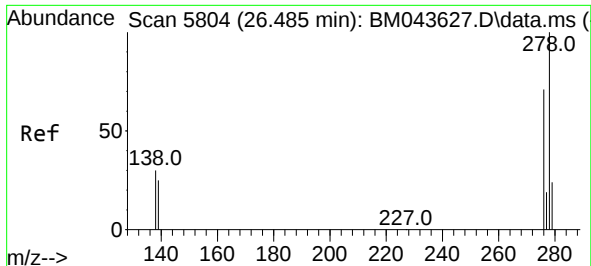
Tgt Ion:252 Resp: 9965
Ion Ratio Lower Upper
252 100
253 30.5 20.2 30.2#
125 27.1 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng/ul
RT: 26.461 min Scan# 5797
Delta R.T. 0.003 min
Lab File: BM043636.D
Acq: 28 Dec 2023 11:37

Tgt Ion:276 Resp: 13271
Ion Ratio Lower Upper
276 100
138 37.4 24.6 36.8#
227 0.0 0.0 0.0#

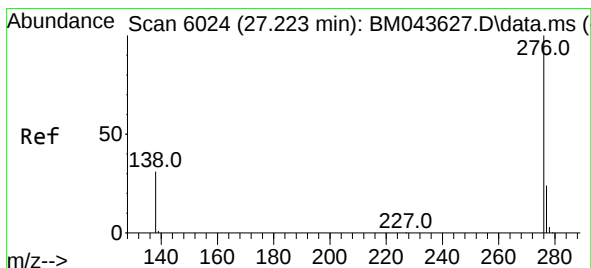
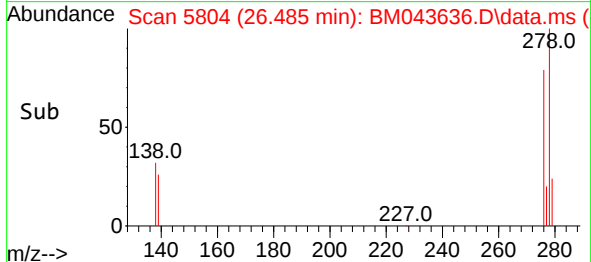
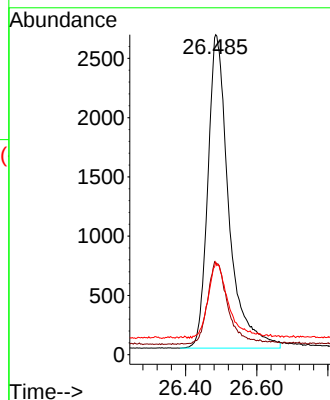
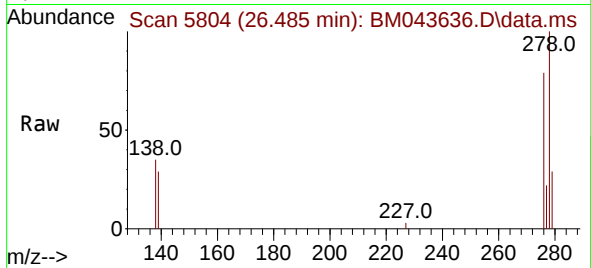




#28
 Dibenzo(a,h)anthracene
 Concen: 0.367 ng/ul
 RT: 26.485 min Scan# 5804
 Delta R.T. 0.003 min
 Lab File: BM043636.D
 Acq: 28 Dec 2023 11:37

Instrument :
 BNA_M
 ClientSampleId :
 SLCS079

Tgt Ion:278 Resp: 10795
 Ion Ratio Lower Upper
 278 100
 139 28.6 17.4 26.2#
 279 28.9 20.9 31.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.362 ng/ul
 RT: 27.226 min Scan# 6025
 Delta R.T. 0.003 min
 Lab File: BM043636.D
 Acq: 28 Dec 2023 11:37

Tgt Ion:276 Resp: 11472
 Ion Ratio Lower Upper
 276 100
 138 33.1 23.1 34.7
 277 24.9 19.4 29.0

