

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043099.D
 Acq On : 30 Nov 2023 23:42
 Operator : MA/JU
 Sample : PB157421BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS421

Quant Time: Dec 01 00:45:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

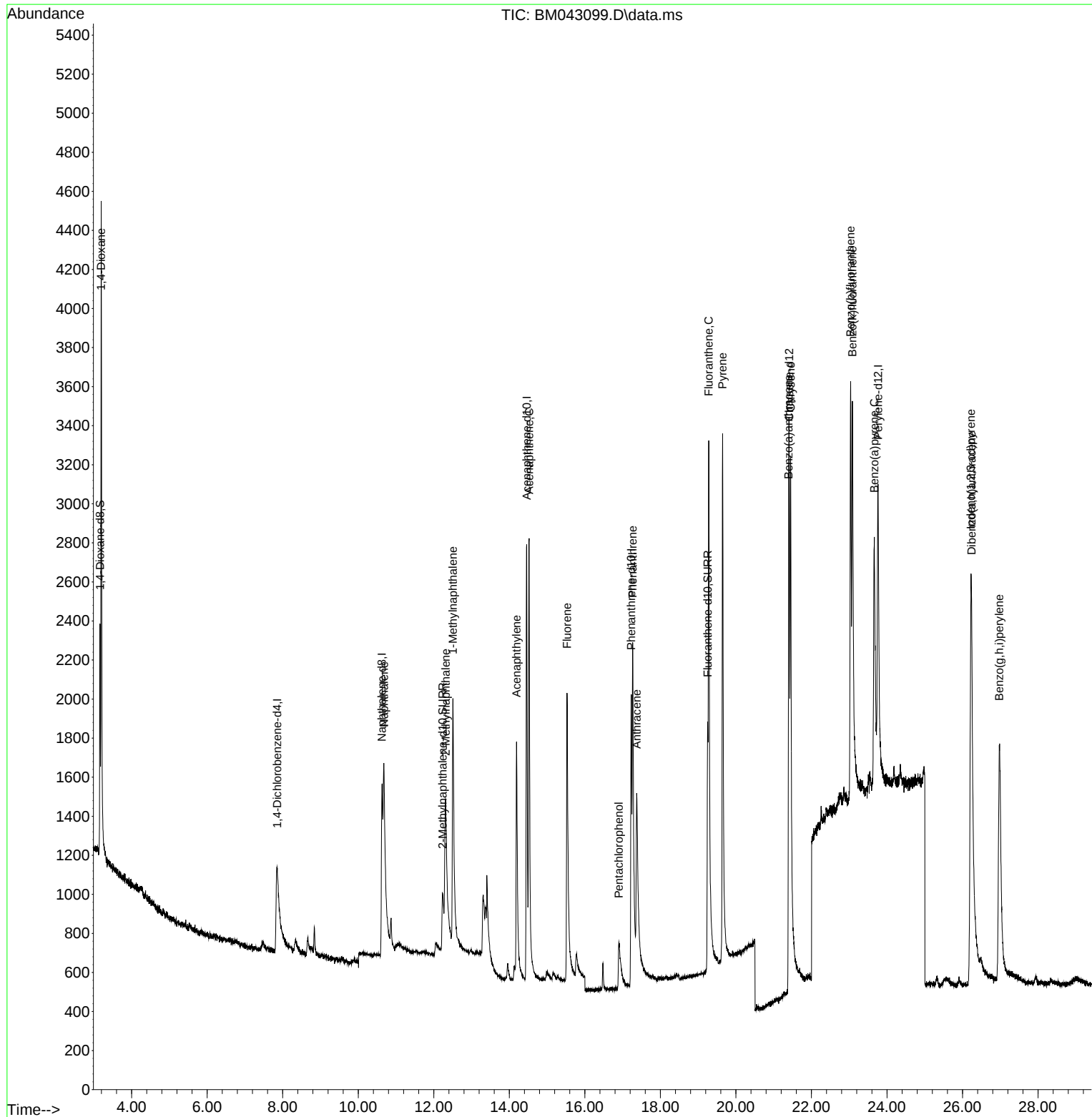
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	974	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.627	136	3056	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.459	164	1648	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	3372	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	2302	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	3023	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	773	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1143	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.252	212	2332	0.278	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	2368	1.475	ng/ul#	81
5) Naphthalene	10.682	128	2376	0.286	ng/ul	98
7) 2-Methylnaphthalene	12.316	142	1333	0.272	ng/ul	96
8) 1-Methylnaphthalene	12.508	142	1471	0.269	ng/ul	97
10) Acenaphthylene	14.191	152	2366	0.281	ng/ul	99
11) Acenaphthene	14.524	153	1802	0.283	ng/ul	97
12) Fluorene	15.528	166	1836	0.281	ng/ul	97
14) Pentachlorophenol	16.899	266	523	0.573	ng/ul	98
15) Phenanthrene	17.267	178	2690	0.280	ng/ul	99
16) Anthracene	17.372	178	2671	0.293	ng/ul	98
19) Fluoranthene	19.280	202	3657	0.280	ng/ul	99
20) Pyrene	19.647	202	3863	0.278	ng/ul	99
21) Benzo(a)anthracene	21.395	228	2672	0.358	ng/ul	99
22) Chrysene	21.447	228	4014	0.289	ng/ul	99
24) Benzo(b)fluoranthene	23.037	252	3300	0.323	ng/ul	99
25) Benzo(k)fluoranthene	23.084	252	4323	0.308	ng/ul	98
26) Benzo(a)pyrene	23.666	252	3368	0.303	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.225	276	4660	0.309	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.239	278	3572	0.306	ng/ul	95
29) Benzo(g,h,i)perylene	26.973	276	4208	0.287	ng/ul	98

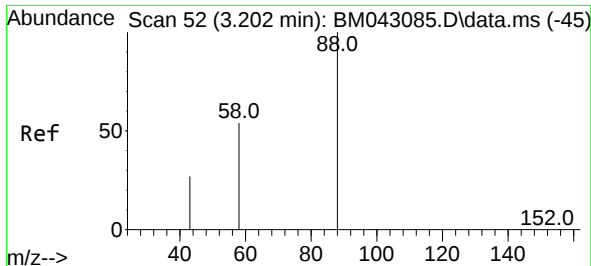
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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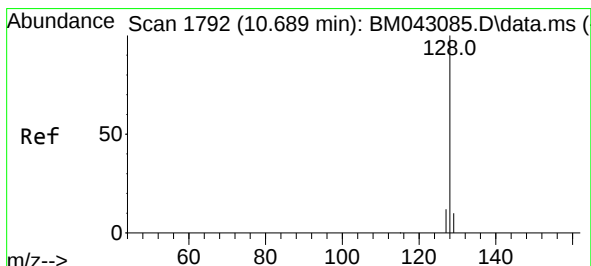
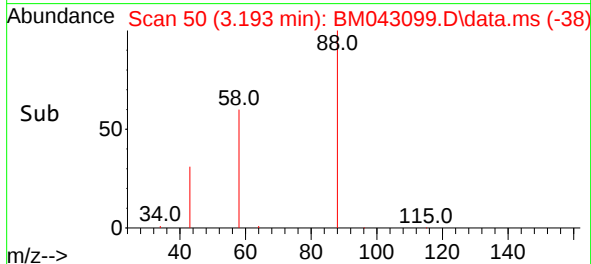
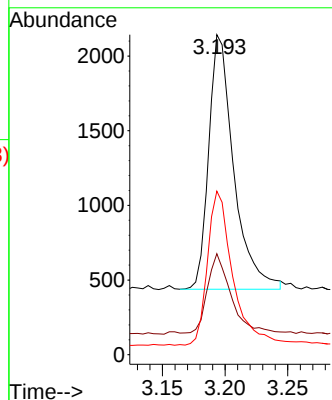
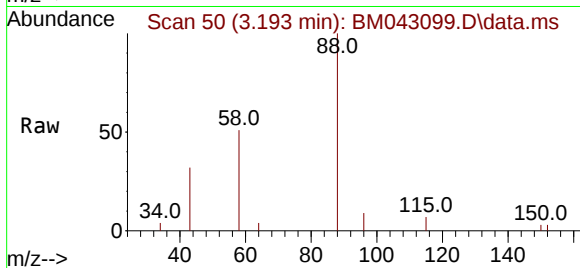




#2
 1,4-Dioxane
 Concen: 1.475 ng/ul
 RT: 3.193 min Scan# 50
 Delta R.T. -0.008 min
 Lab File: BM043099.D
 Acq: 30 Nov 2023 23:42

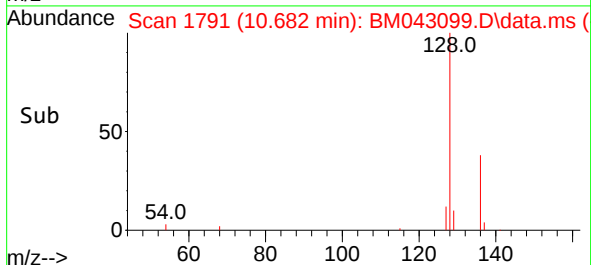
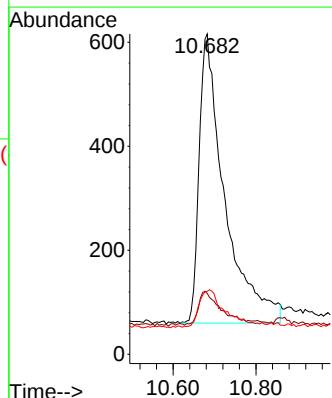
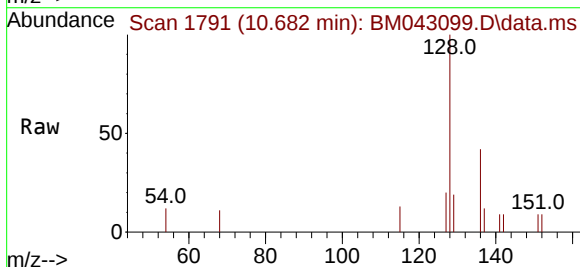
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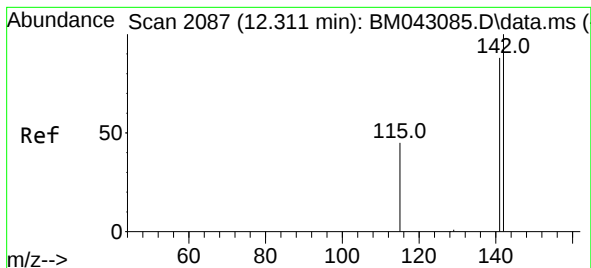
Tgt Ion: 88 Resp: 2368
 Ion Ratio Lower Upper
 88 100
 43 31.5 22.8 34.2
 58 51.1 26.8 40.2#



#5
 Naphthalene
 Concen: 0.286 ng/ul
 RT: 10.682 min Scan# 1791
 Delta R.T. -0.007 min
 Lab File: BM043099.D
 Acq: 30 Nov 2023 23:42

Tgt Ion: 128 Resp: 2376
 Ion Ratio Lower Upper
 128 100
 129 19.0 16.0 24.0
 127 19.6 16.5 24.7

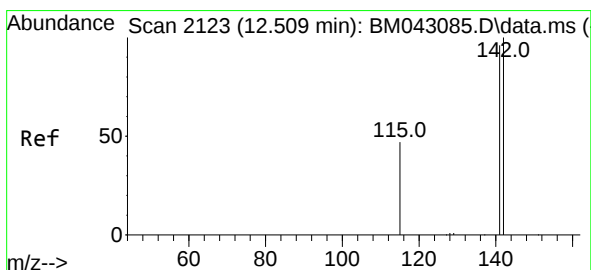
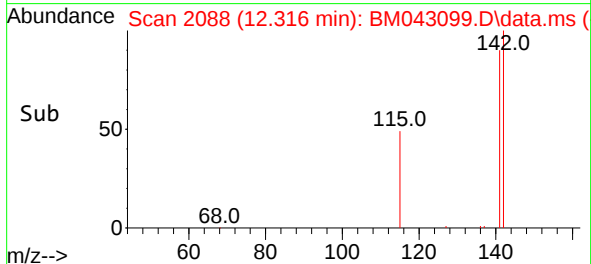
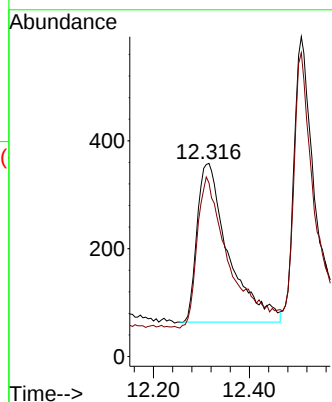
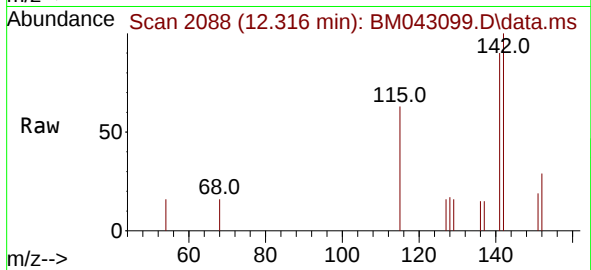




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.316 min Scan# 2088
Delta R.T. 0.004 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

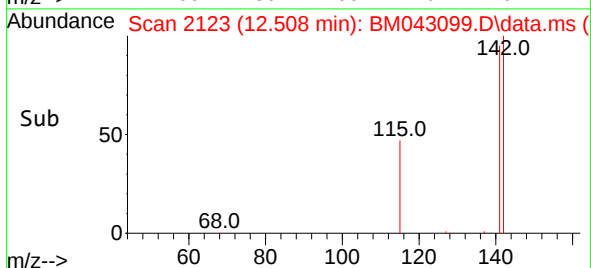
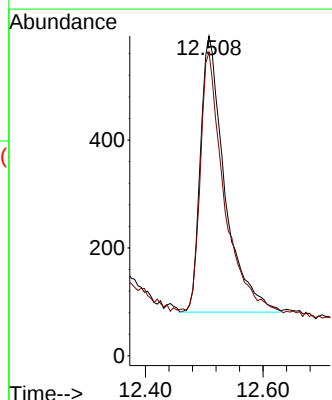
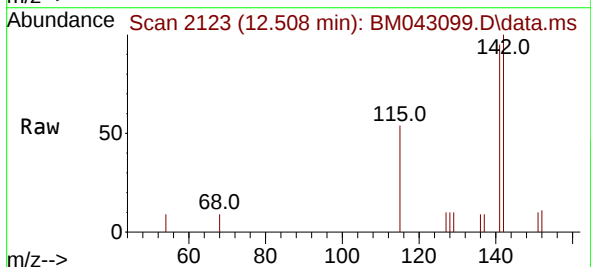
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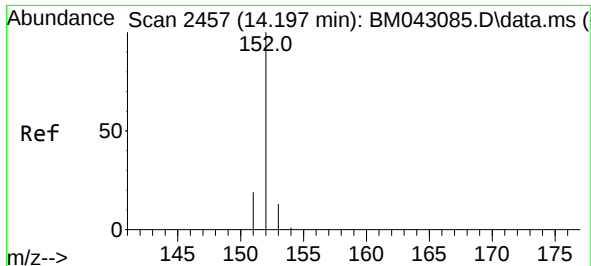
Tgt Ion:142 Resp: 1333
Ion Ratio Lower Upper
142 100
141 99.3 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.508 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:142 Resp: 1471
Ion Ratio Lower Upper
142 100
141 89.5 73.8 110.8

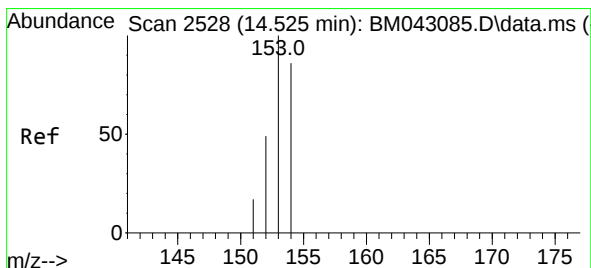
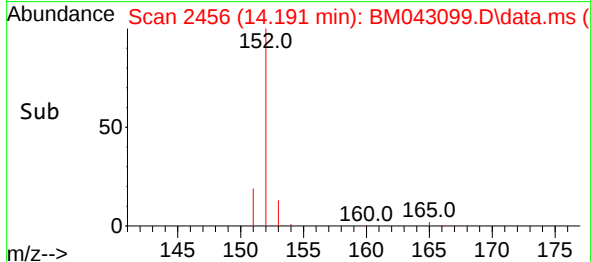
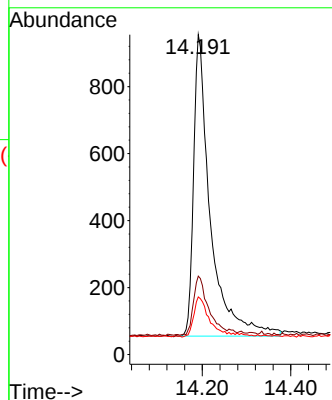
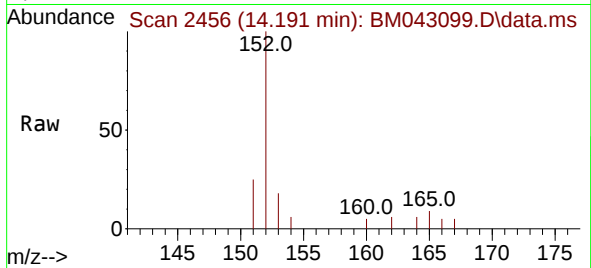




#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

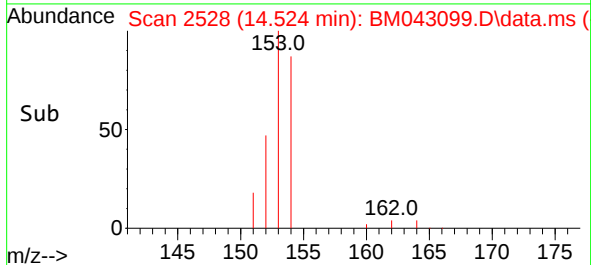
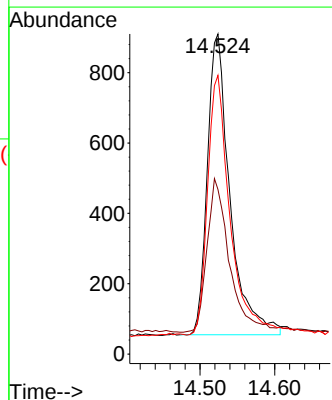
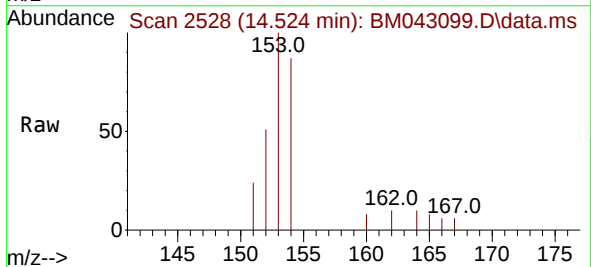
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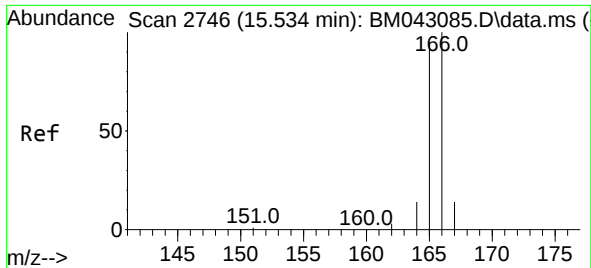
Tgt Ion:152 Resp: 2366
Ion Ratio Lower Upper
152 100
151 24.5 19.4 29.0
153 18.0 14.6 21.8



#11
Acenaphthene
Concen: 0.283 ng/ul
RT: 14.524 min Scan# 2528
Delta R.T. -0.001 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:153 Resp: 1802
Ion Ratio Lower Upper
153 100
152 51.4 43.9 65.9
154 87.0 70.6 105.8

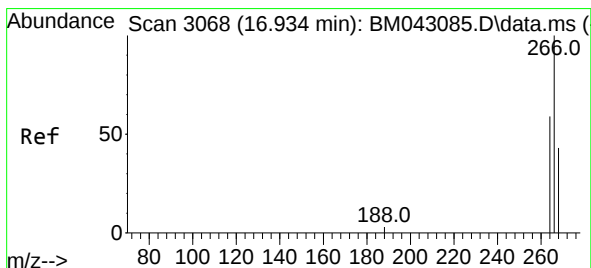
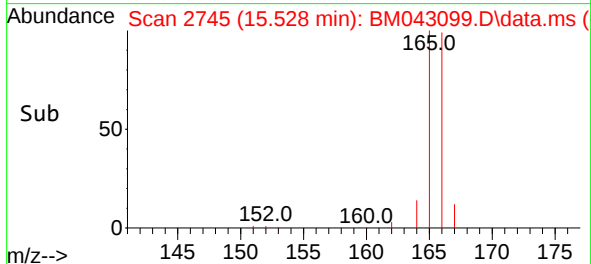
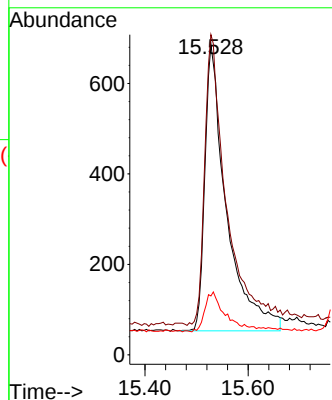
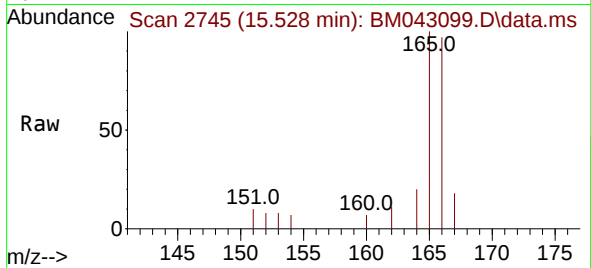




#12
 Fluorene
 Concen: 0.281 ng/ul
 RT: 15.528 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM043099.D
 Acq: 30 Nov 2023 23:42

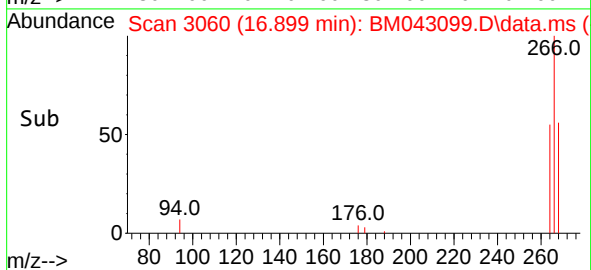
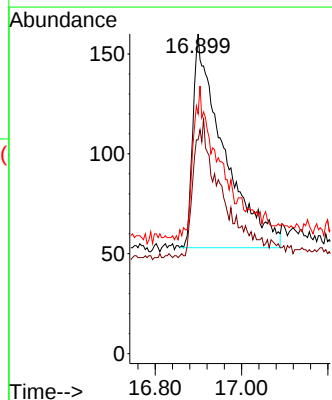
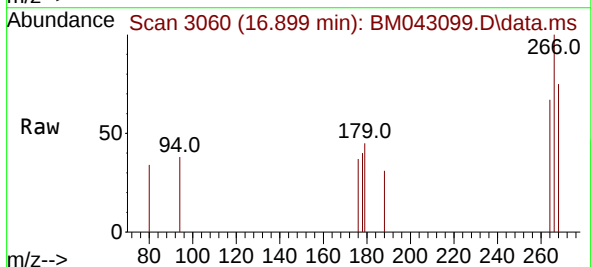
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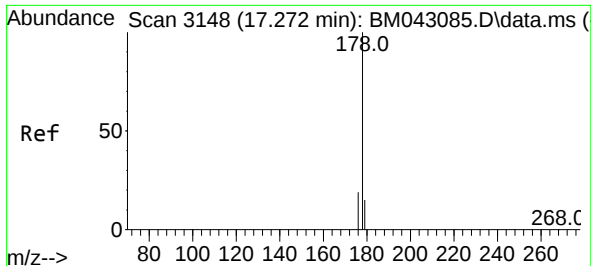
Tgt Ion:166 Resp: 1836
 Ion Ratio Lower Upper
 166 100
 165 103.2 79.9 119.9
 167 19.0 14.2 21.4



#14
 Pentachlorophenol
 Concen: 0.573 ng/ul
 RT: 16.899 min Scan# 3060
 Delta R.T. -0.035 min
 Lab File: BM043099.D
 Acq: 30 Nov 2023 23:42

Tgt Ion:266 Resp: 523
 Ion Ratio Lower Upper
 266 100
 264 60.8 48.8 73.2
 268 67.1 51.8 77.6

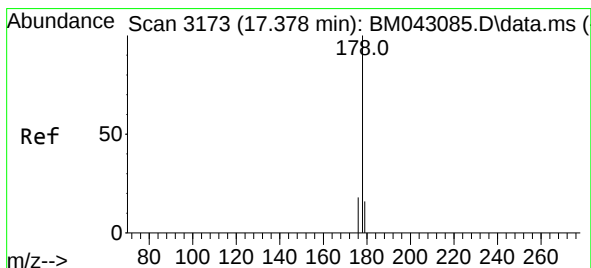
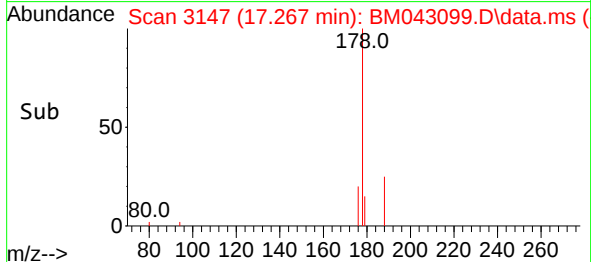
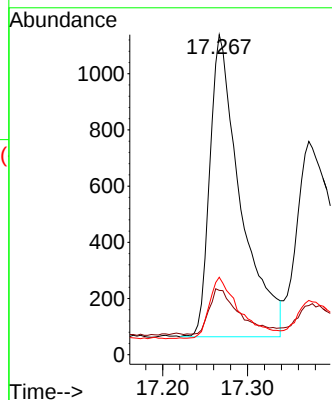
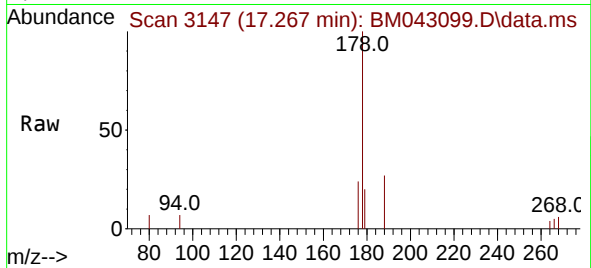




#15
Phenanthrene
Concen: 0.280 ng/ul
RT: 17.267 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

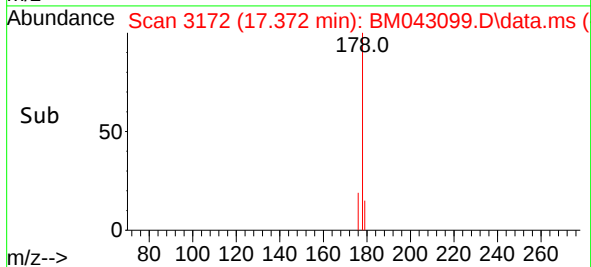
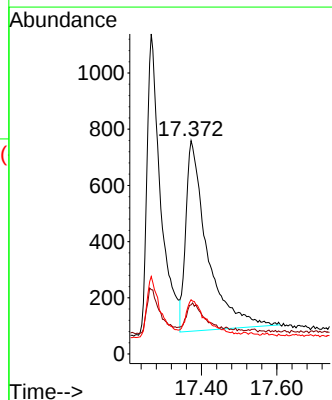
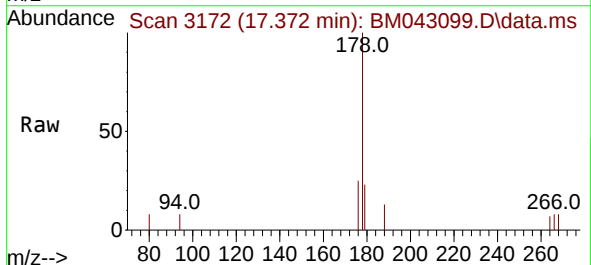
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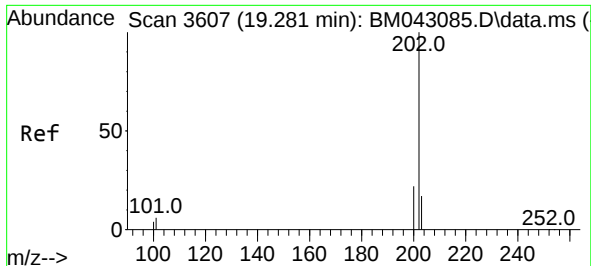
Tgt Ion:	178	Resp:	2690
Ion	Ratio	Lower	Upper
178	100		
179	20.1	15.7	23.5
176	24.2	18.9	28.3



#16
Anthracene
Concen: 0.293 ng/ul
RT: 17.372 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:	178	Resp:	2671
Ion	Ratio	Lower	Upper
178	100		
179	23.1	17.3	25.9
176	25.4	20.5	30.7

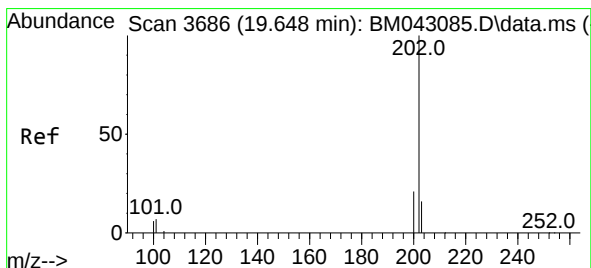
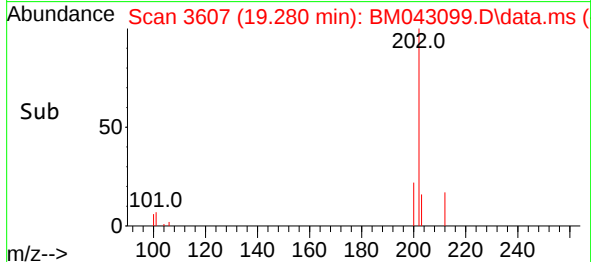
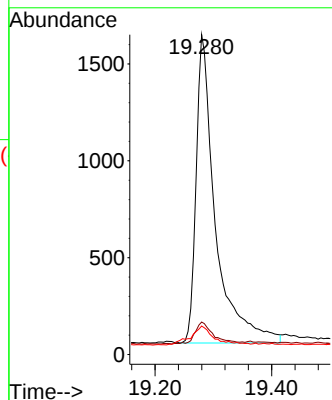
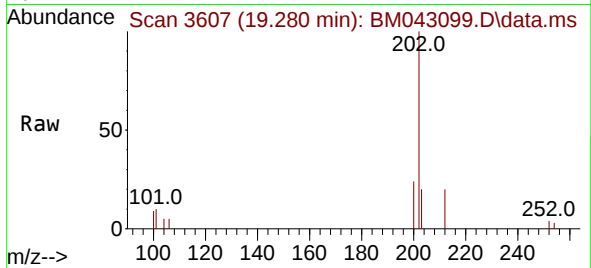




#19
Fluoranthene
Concen: 0.280 ng/ul
RT: 19.280 min Scan# 3607
Delta R.T. -0.001 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

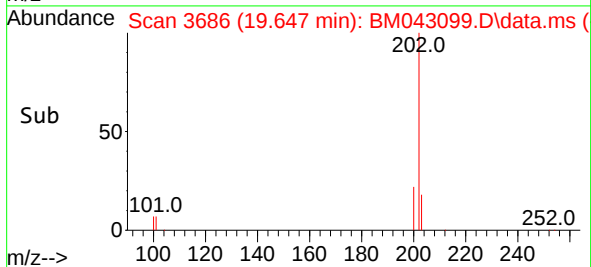
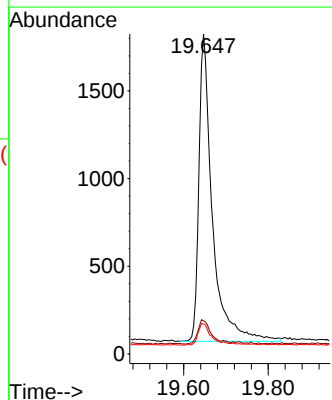
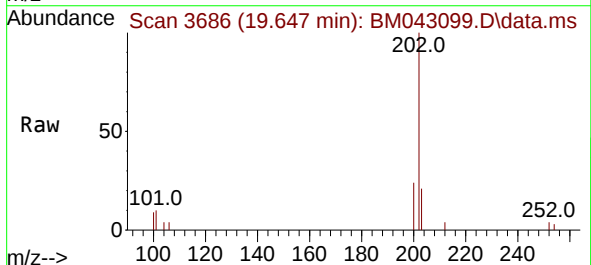
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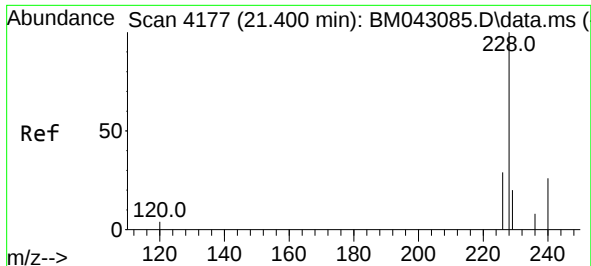
Tgt Ion:202 Resp: 3657
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.8
100 8.9 7.1 10.7



#20
Pyrene
Concen: 0.278 ng/ul
RT: 19.647 min Scan# 3686
Delta R.T. -0.001 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:202 Resp: 3863
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 9.4 7.8 11.8

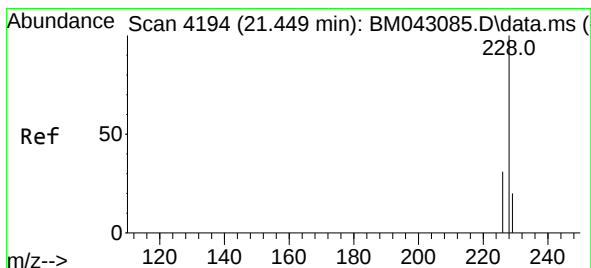
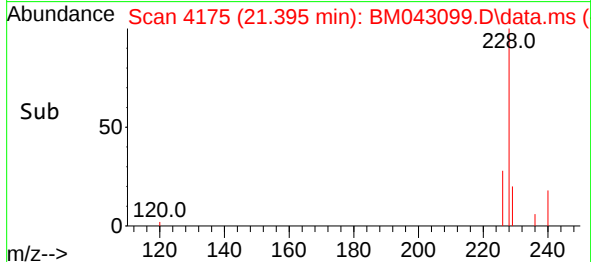
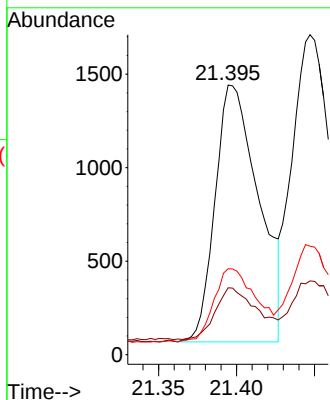
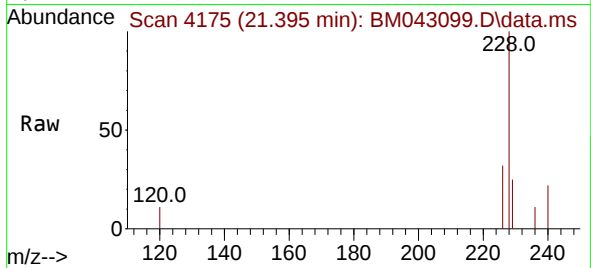




#21
Benzo(a)anthracene
Concen: 0.358 ng/u1
RT: 21.395 min Scan# 4175
Delta R.T. -0.005 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

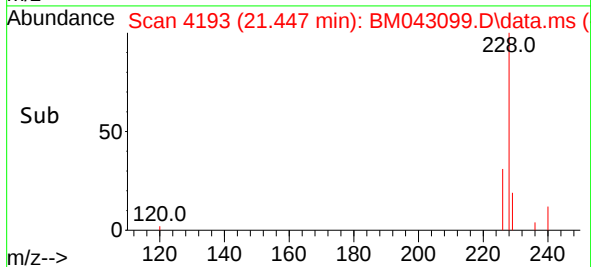
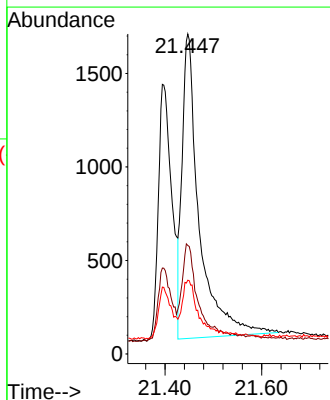
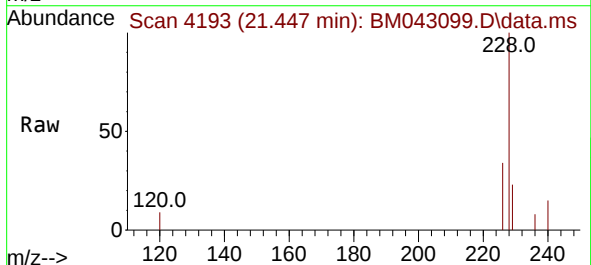
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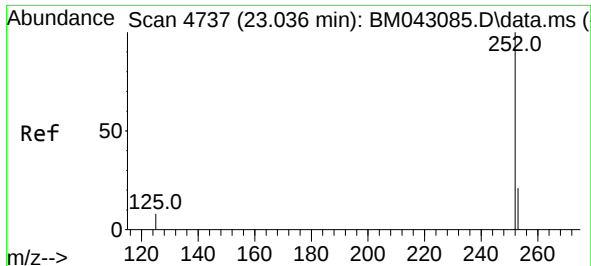
Tgt Ion:228 Resp: 2672
Ion Ratio Lower Upper
228 100
229 24.8 19.4 29.0
226 31.9 24.9 37.3



#22
Chrysene
Concen: 0.289 ng/u1
RT: 21.447 min Scan# 4193
Delta R.T. -0.002 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:228 Resp: 4014
Ion Ratio Lower Upper
228 100
226 33.9 27.2 40.8
229 23.1 18.0 27.0

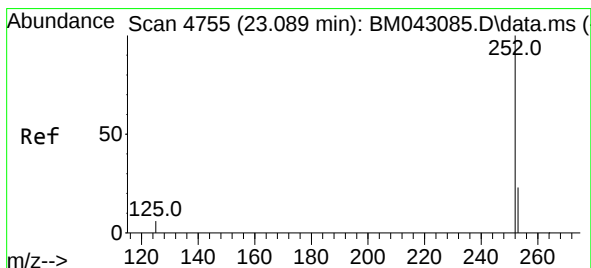
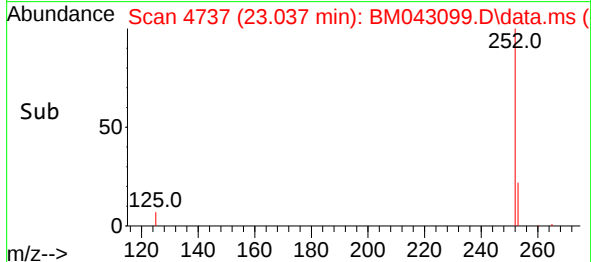
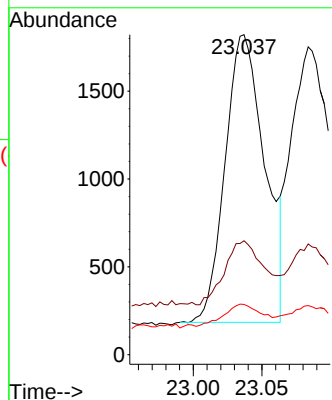
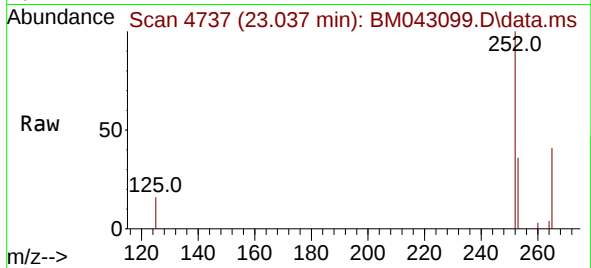




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.037 min Scan# 4737
Delta R.T. 0.001 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

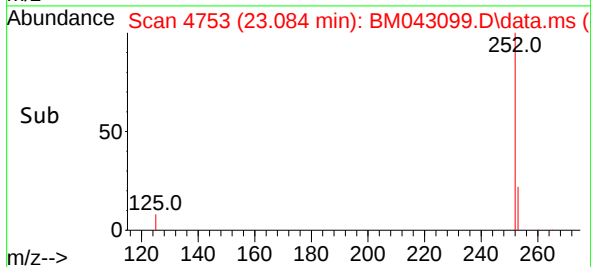
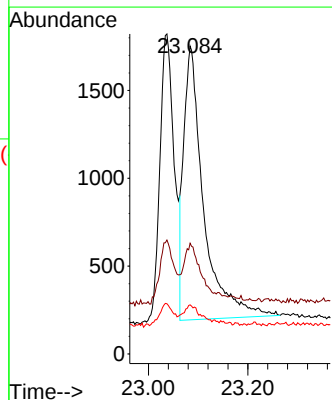
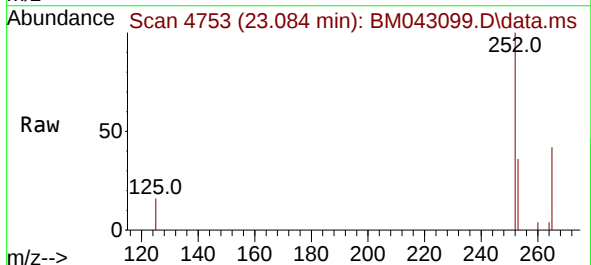
Instrument :
BNA_M
ClientSampleId :
SLCS421

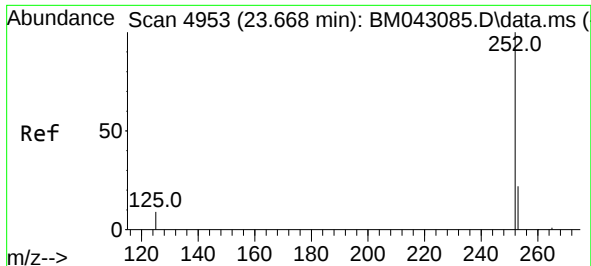
Tgt Ion:252 Resp: 3300
Ion Ratio Lower Upper
252 100
253 35.6 0.0 71.8
125 15.7 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. -0.005 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:252 Resp: 4323
Ion Ratio Lower Upper
252 100
253 35.9 28.2 42.2
125 15.9 11.0 16.6

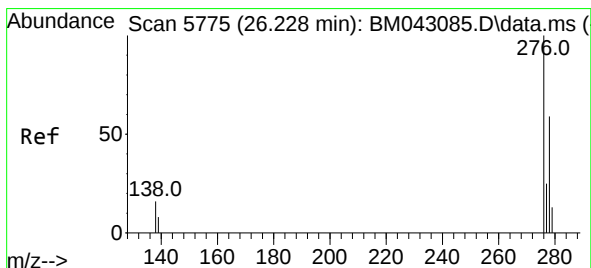
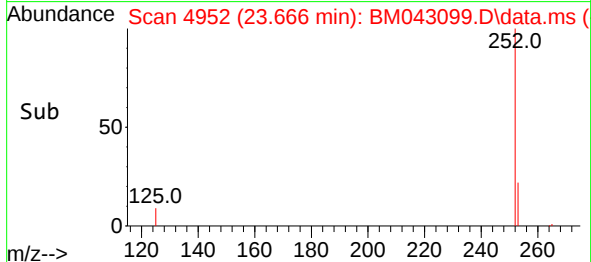
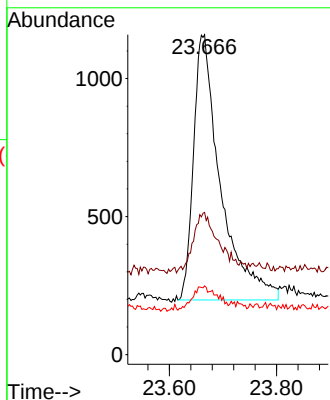
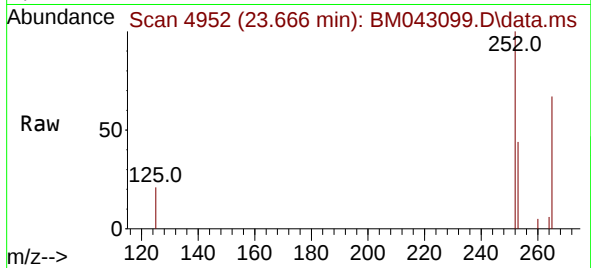




#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.666 min Scan# 4952
Delta R.T. -0.002 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

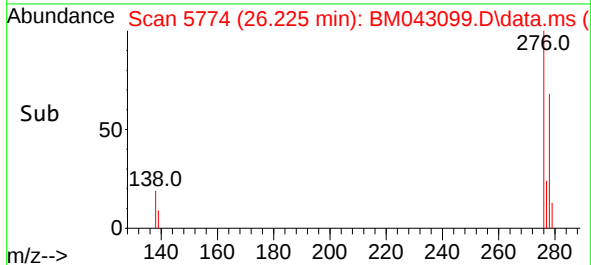
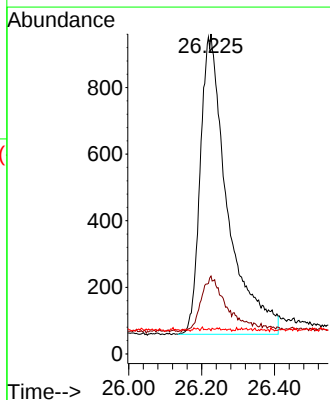
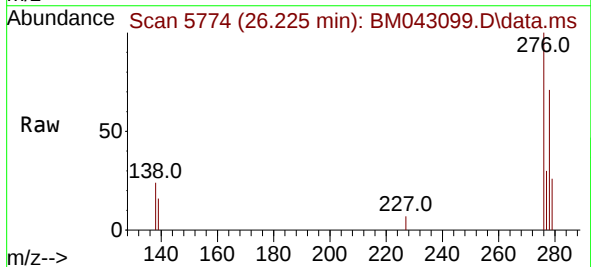
Instrument :
BNA_M
ClientSampleId :
SLCS421

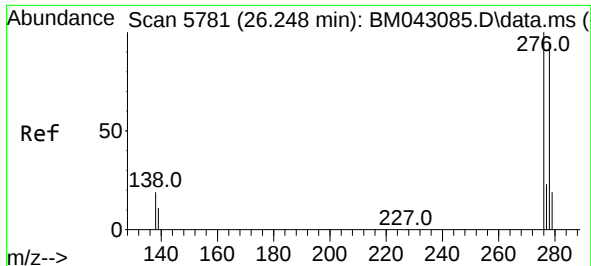
Tgt Ion:252 Resp: 3368
Ion Ratio Lower Upper
252 100
253 44.4 36.6 55.0
125 21.5 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.225 min Scan# 5774
Delta R.T. -0.003 min
Lab File: BM043099.D
Acq: 30 Nov 2023 23:42

Tgt Ion:276 Resp: 4660
Ion Ratio Lower Upper
276 100
138 16.7 0.0 0.0#
227 0.1 0.2 0.2#

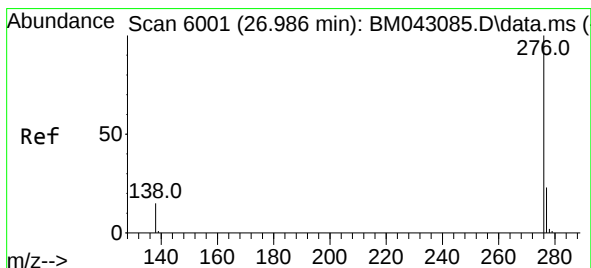
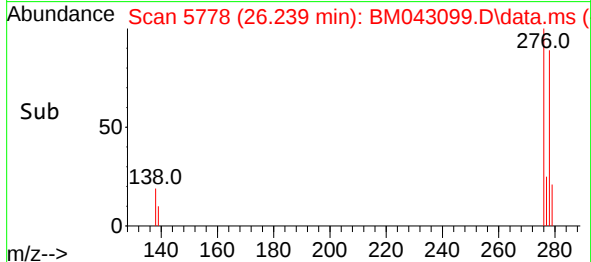
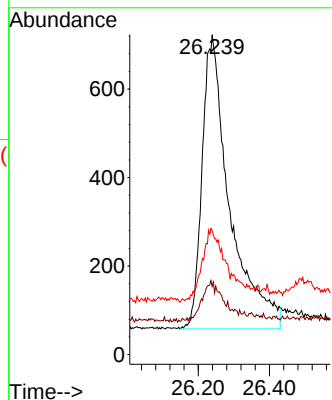
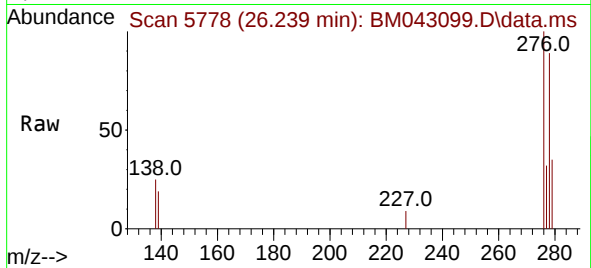




#28
 Dibenzo(a,h)anthracene
 Concen: 0.306 ng/ul
 RT: 26.239 min Scan# 51
 Delta R.T. -0.009 min
 Lab File: BM043099.D
 Acq: 30 Nov 2023 23:42

Instrument :
 BNA_M
 ClientSampleId :
 SLCS421

Tgt Ion:278 Resp: 3572
 Ion Ratio Lower Upper
 278 100
 139 21.3 18.1 27.1
 279 38.7 34.4 51.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.287 ng/ul
 RT: 26.973 min Scan# 5997
 Delta R.T. -0.013 min
 Lab File: BM043099.D
 Acq: 30 Nov 2023 23:42

Tgt Ion:276 Resp: 4208
 Ion Ratio Lower Upper
 276 100
 138 20.8 17.8 26.8
 277 28.9 23.8 35.8

