

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040922.D
 Acq On : 17 Jul 2023 14:40
 Operator : MA/JU
 Sample : PB153870BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS870

Quant Time: Jul 18 02:46:27 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 15 03:58:02 2023
 Response via : Initial Calibration

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

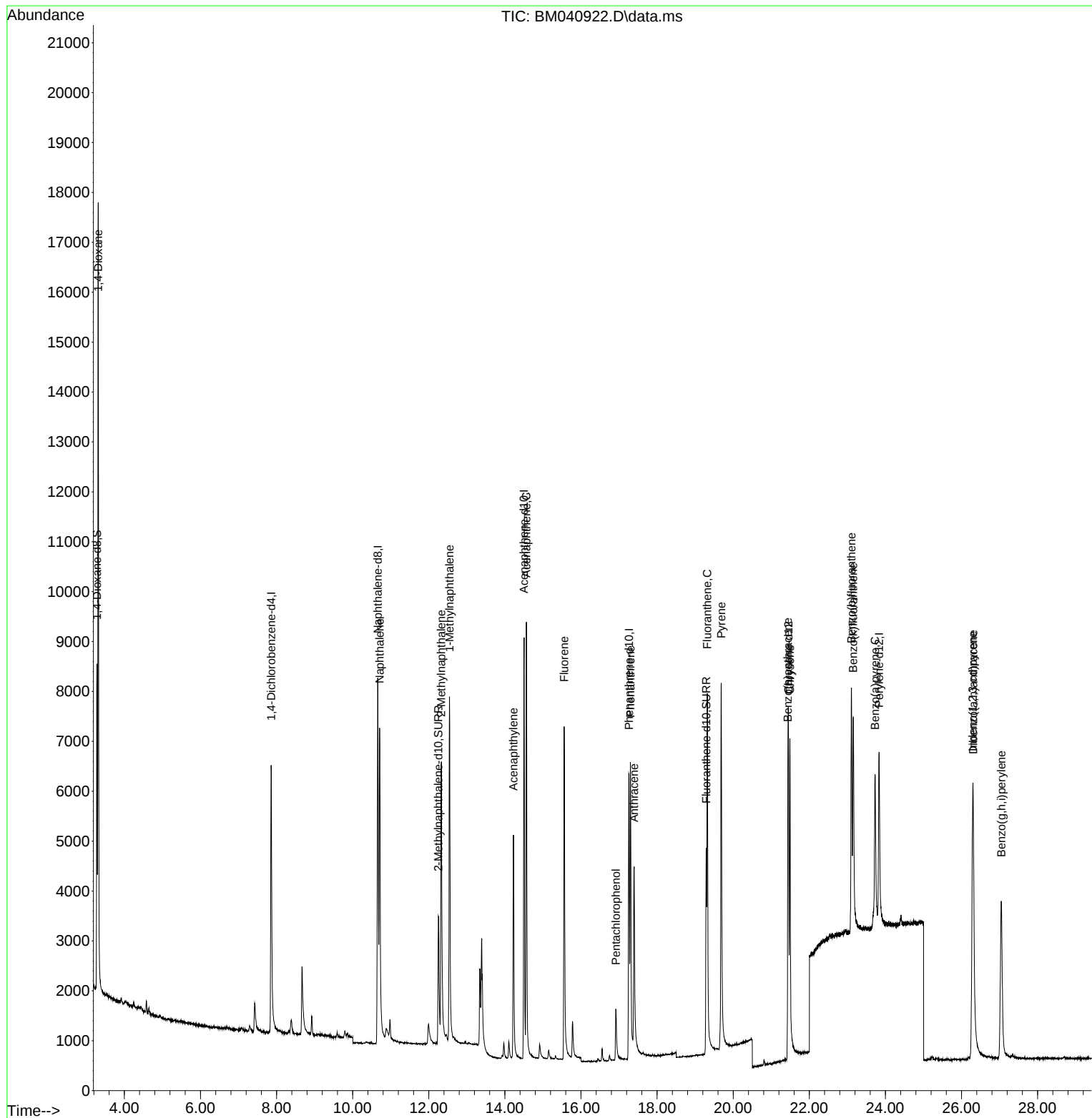
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	11955	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164	4908	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	7915	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	5244	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	5535	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3671	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4707	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5368	0.319	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	9500	1.635	ng/ul	89
5) Naphthalene	10.708	128	9989	0.303	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	5327	0.275	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	5433	0.281	ng/ul	99
10) Acenaphthylene	14.226	152	6059	0.276	ng/ul	98
11) Acenaphthene	14.564	153	5342	0.289	ng/ul	97
12) Fluorene	15.559	166	5209	0.264	ng/ul	97
14) Pentachlorophenol	16.919	266	1015	0.666	ng/ul	91
15) Phenanthrene	17.299	178	7135	0.290	ng/ul	98
16) Anthracene	17.396	178	5639	0.273	ng/ul	96
19) Fluoranthene	19.320	202	6898	0.310	ng/ul	100
20) Pyrene	19.687	202	7383	0.309	ng/ul	98
21) Benzo(a)anthracene	21.436	228	5131	0.289	ng/ul	98
22) Chrysene	21.489	228	6075	0.300	ng/ul	99
24) Benzo(b)fluoranthene	23.108	252	6568	0.307	ng/ul	93
25) Benzo(k)fluoranthene	23.155	252	6413	0.304	ng/ul#	89
26) Benzo(a)pyrene	23.728	252	5786	0.300	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.293	276	8619	0.321	ng/ul	95
28) Dibenzo(a,h)anthracene	26.307	278	6864	0.326	ng/ul	95
29) Benzo(g,h,i)perylene	27.045	276	7709	0.327	ng/ul	98

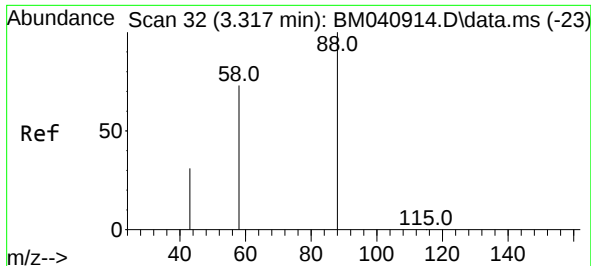
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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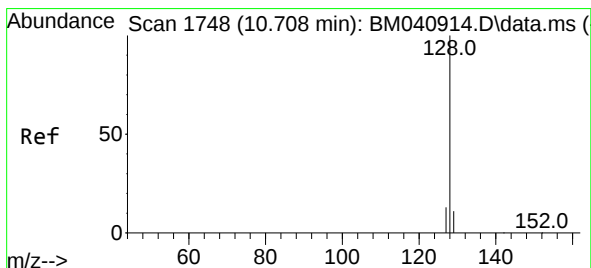
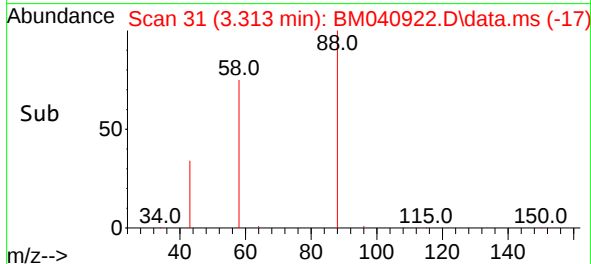
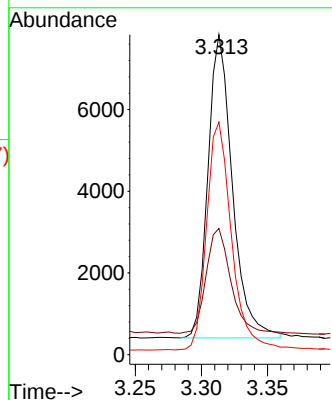
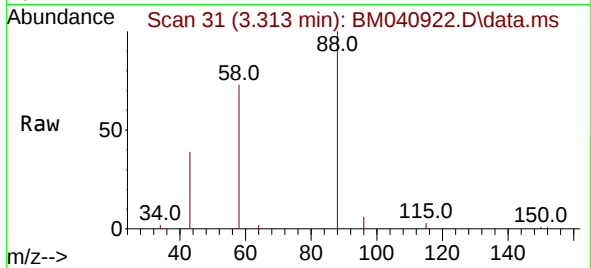




#2
1,4-Dioxane
Concen: 1.635 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

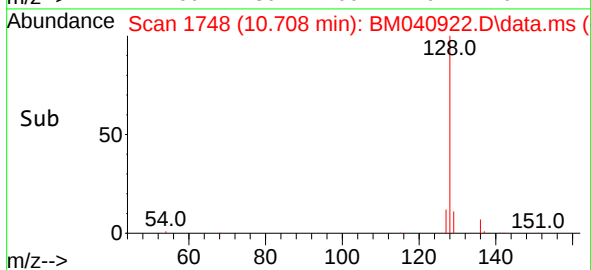
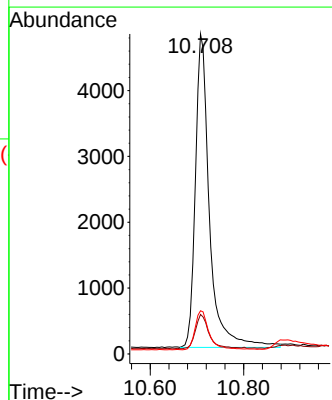
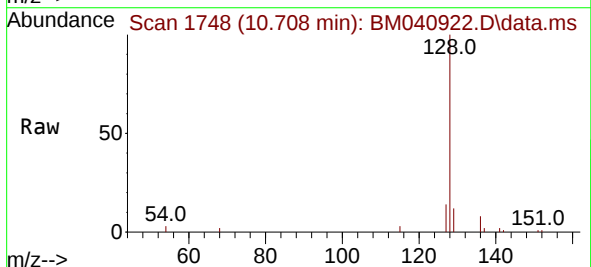
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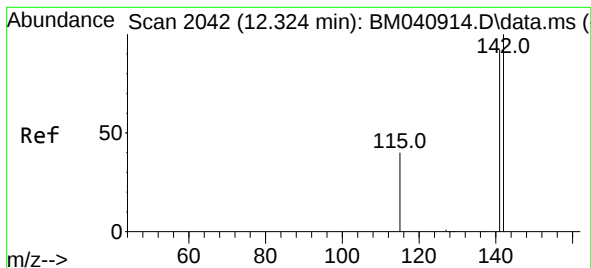
Tgt Ion: 88 Resp: 9500
Ion Ratio Lower Upper
88 100
43 39.5 36.1 54.1
58 72.7 49.8 74.8



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion: 128 Resp: 9989
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.5 10.6 15.8

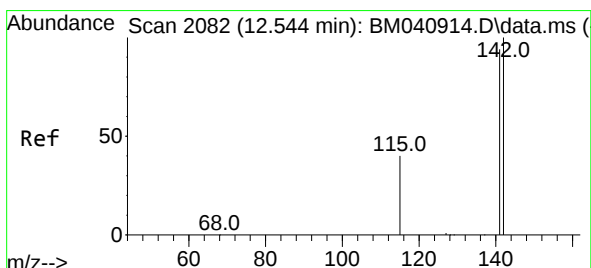
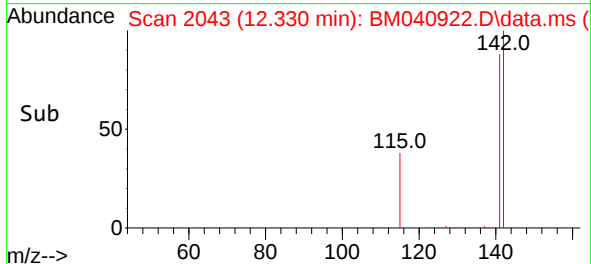
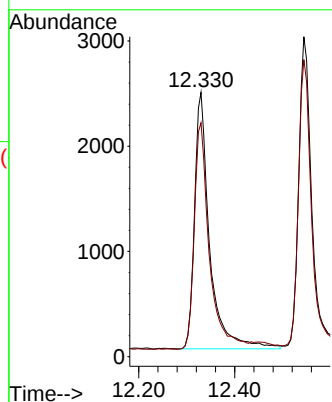
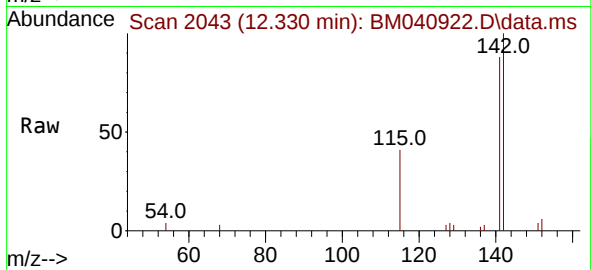




#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

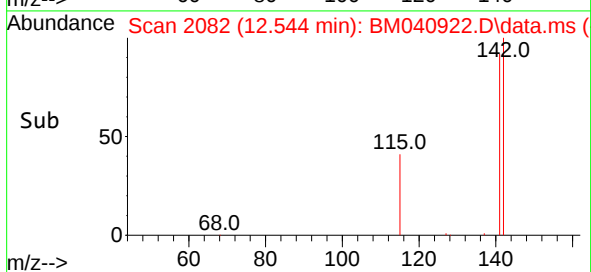
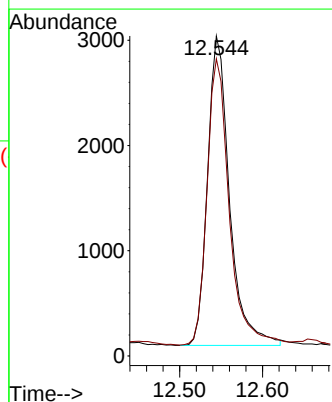
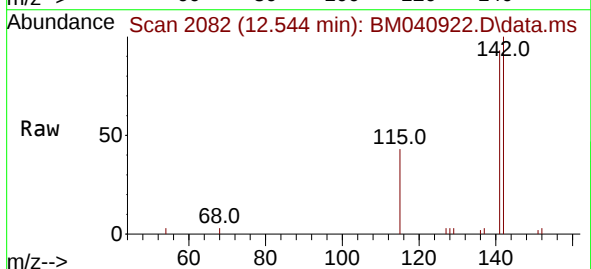
Instrument :
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ClientSampleId :
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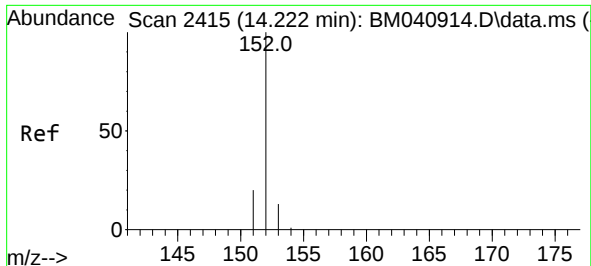
Tgt Ion:142 Resp: 5327
Ion Ratio Lower Upper
142 100
141 92.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:142 Resp: 5433
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5

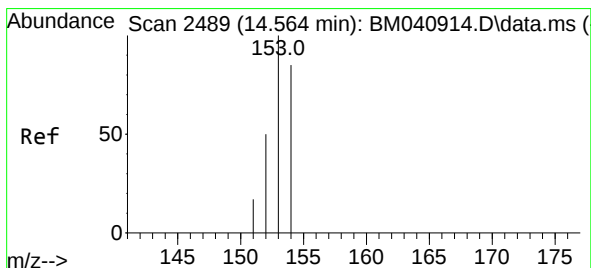
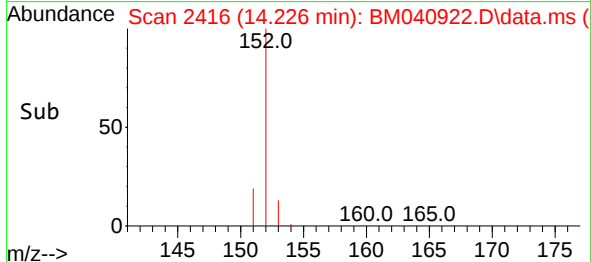
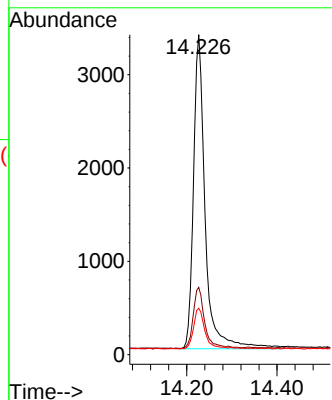
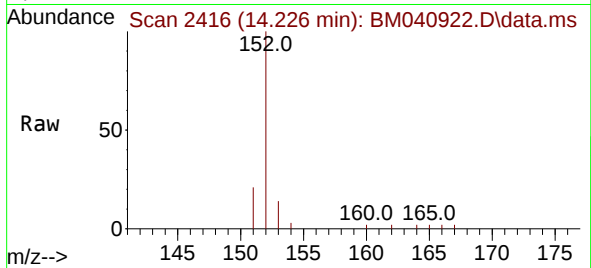




#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 14.226 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

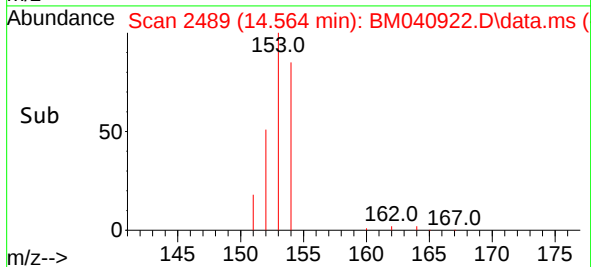
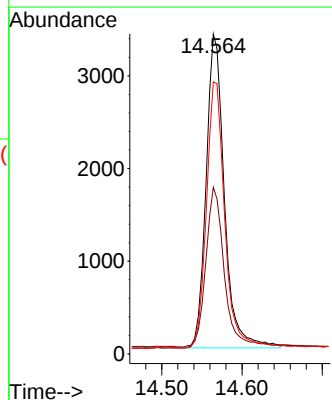
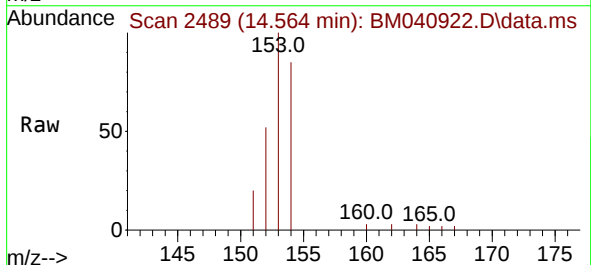
Instrument :
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ClientSampleId :
SLCS870

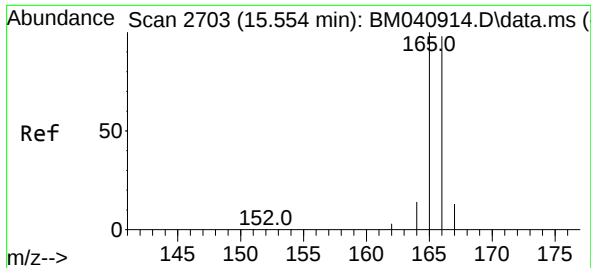
Tgt Ion:152 Resp: 6059
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.5 10.9 16.3



#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.564 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:153 Resp: 5342
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.4
154 85.1 70.8 106.2

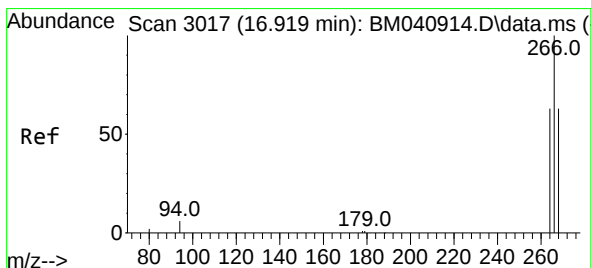
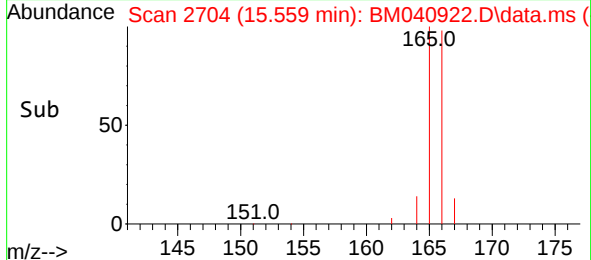
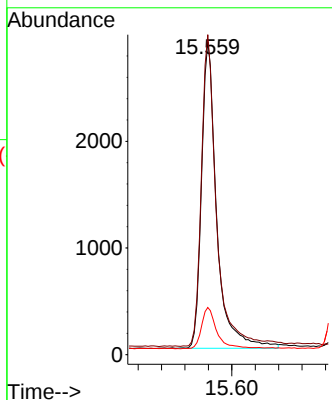
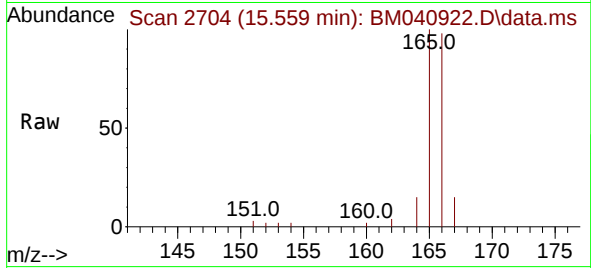




#12
 Fluorene
 Concen: 0.264 ng/ul
 RT: 15.559 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040922.D
 Acq: 17 Jul 2023 14:40

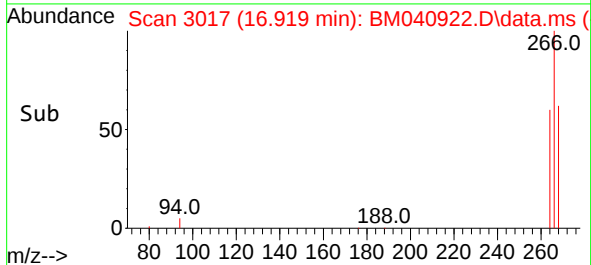
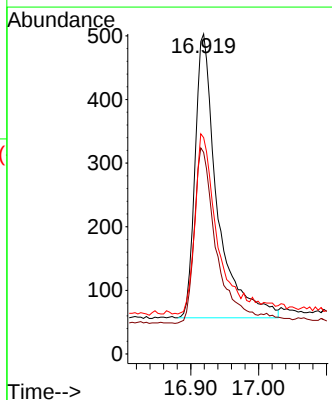
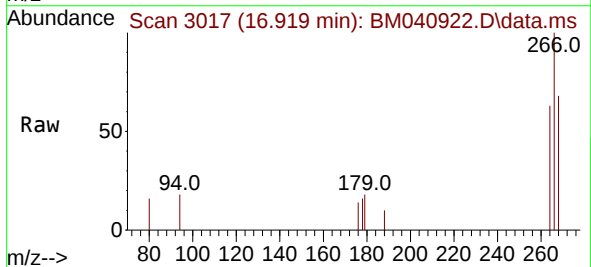
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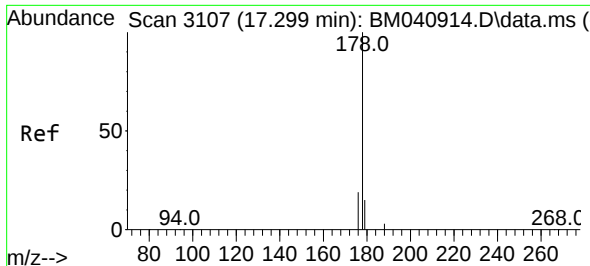
Tgt Ion:166 Resp: 5209
 Ion Ratio Lower Upper
 166 100
 165 102.2 79.6 119.4
 167 15.1 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.666 ng/ul
 RT: 16.919 min Scan# 3017
 Delta R.T. -0.000 min
 Lab File: BM040922.D
 Acq: 17 Jul 2023 14:40

Tgt Ion:266 Resp: 1015
 Ion Ratio Lower Upper
 266 100
 264 63.5 45.4 68.0
 268 65.9 47.2 70.8

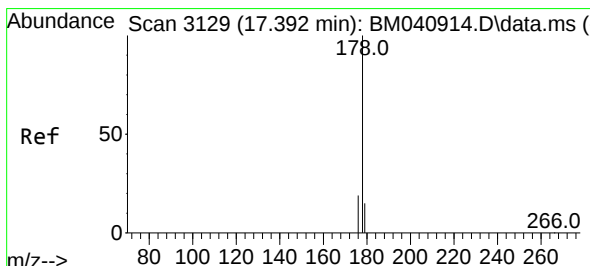
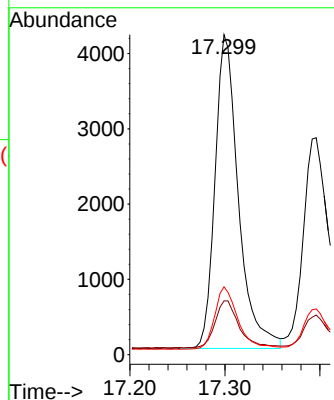
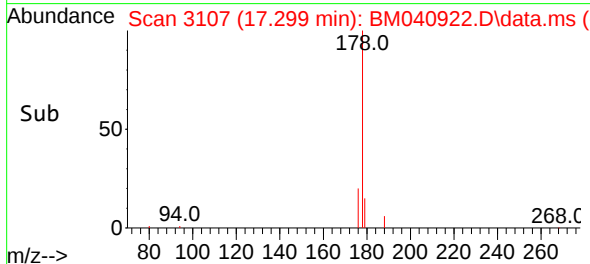
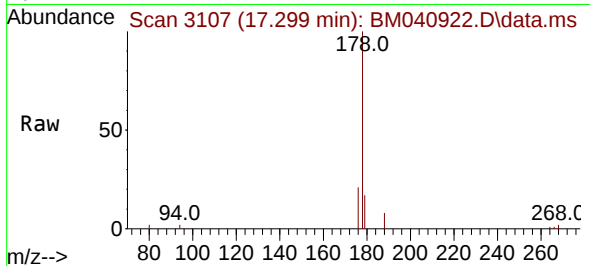




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

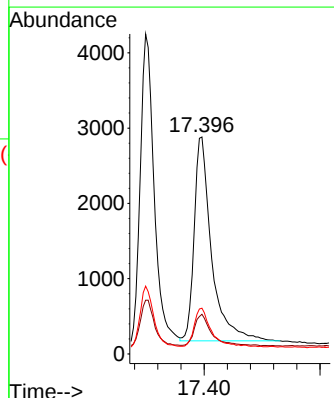
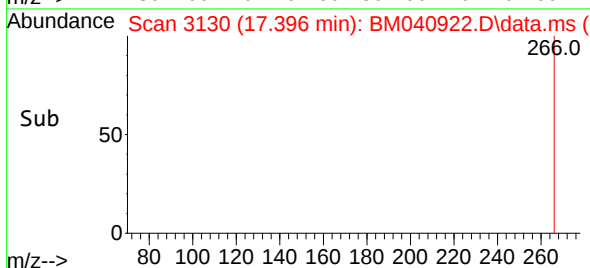
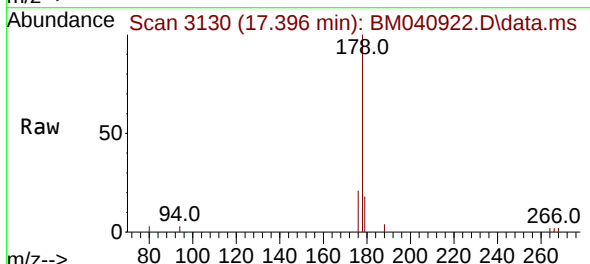
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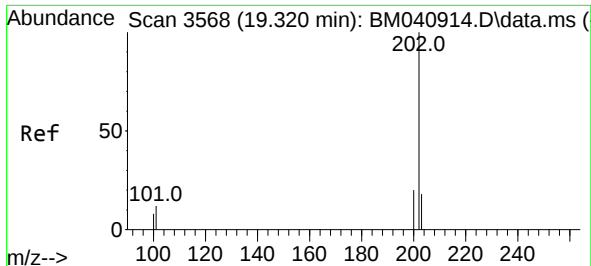
Tgt Ion:	178	Resp:	7135
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.8	19.2
176	21.2	16.4	24.6



#16
Anthracene
Concen: 0.273 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:	178	Resp:	5639
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.9	19.3
176	21.1	15.8	23.6

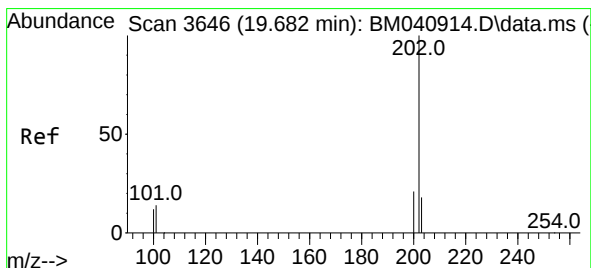
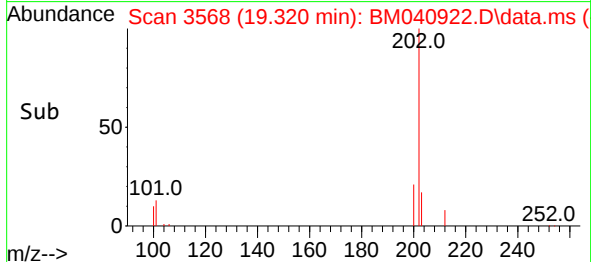
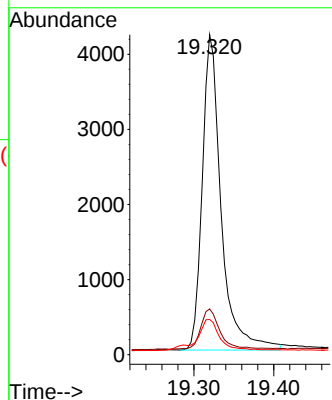
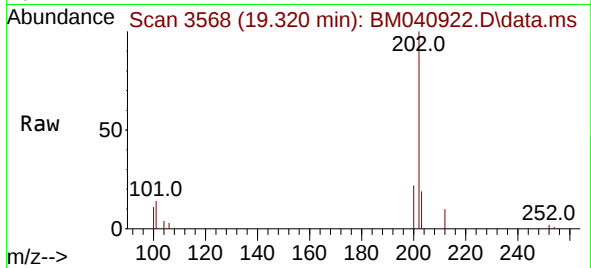




#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

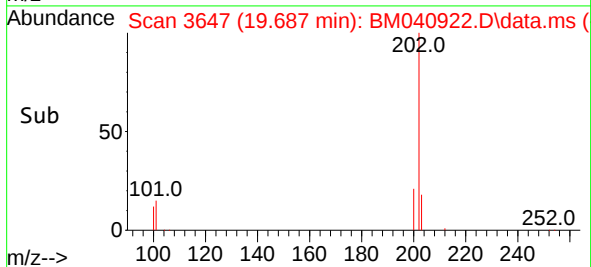
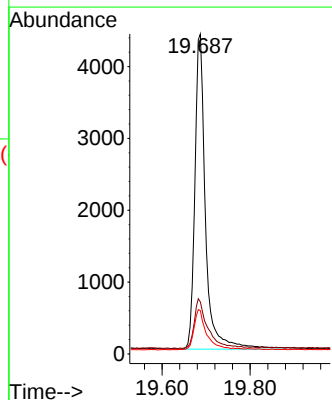
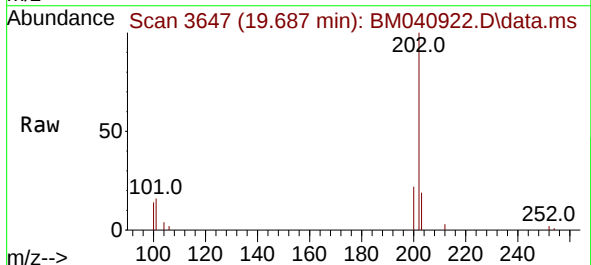
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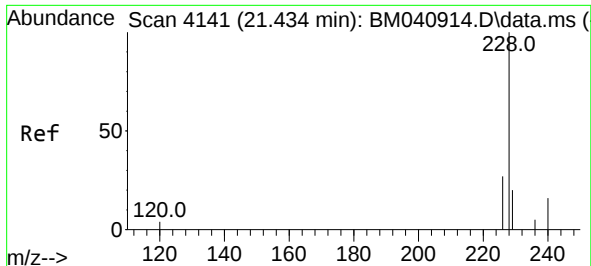
Tgt Ion:202 Resp: 6898
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:202 Resp: 7383
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 13.5 9.8 14.6

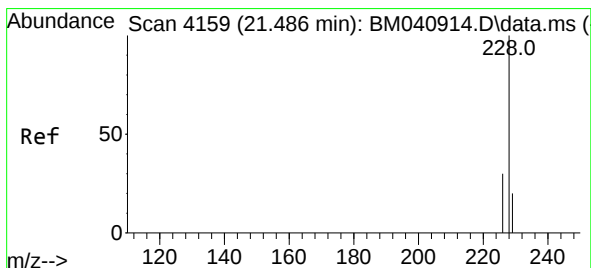
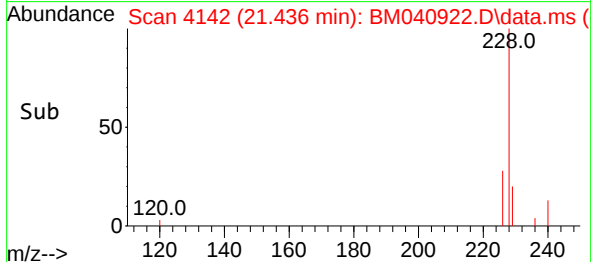
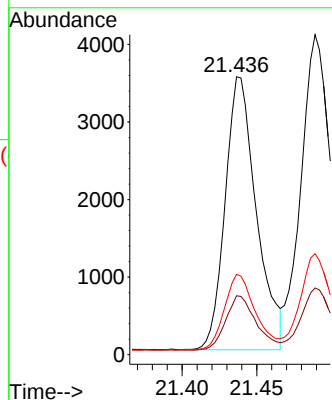
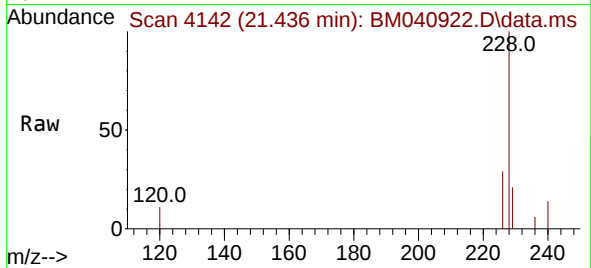




#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.436 min Scan# 4141
Delta R.T. 0.003 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

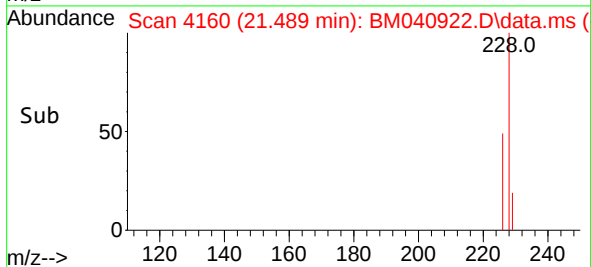
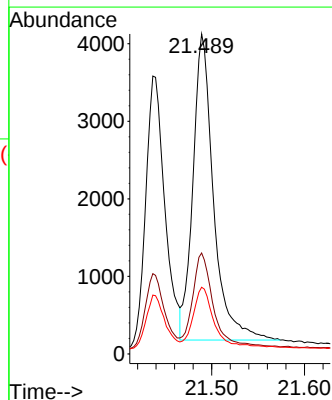
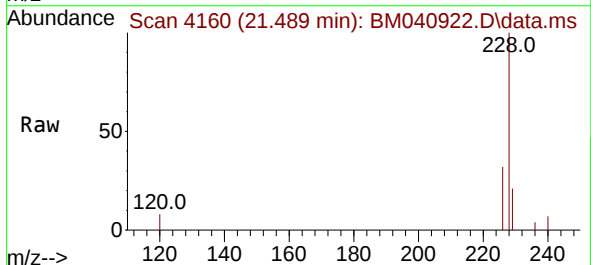
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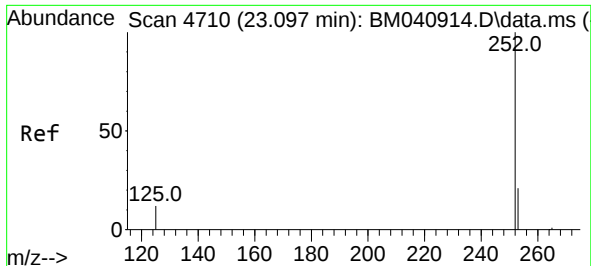
Tgt Ion:228	Resp:	5131
Ion Ratio	Lower	Upper
228	100	
229	21.2	16.0 24.0
226	28.9	22.3 33.5



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:228	Resp:	6075
Ion Ratio	Lower	Upper
228	100	
226	31.5	24.9 37.3
229	20.9	15.8 23.6

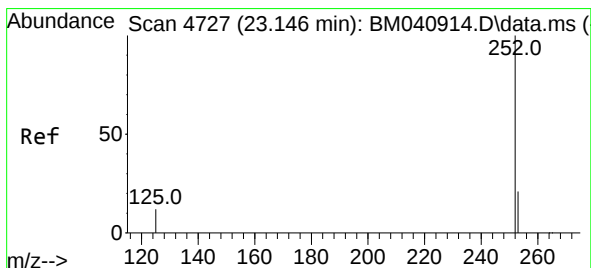
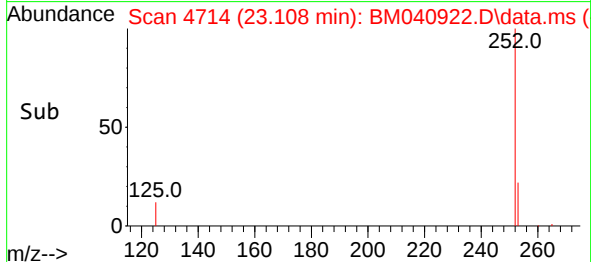
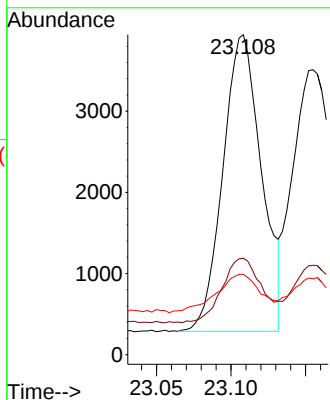
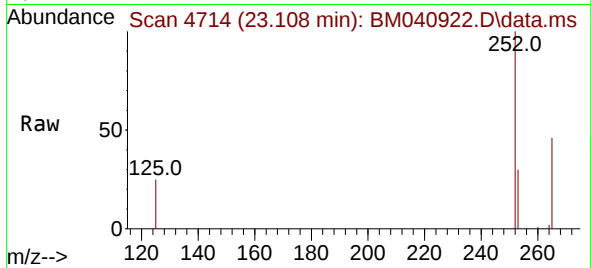




#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. 0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

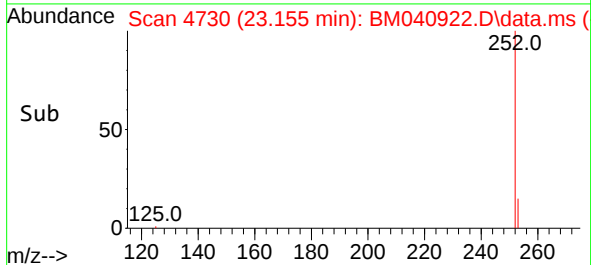
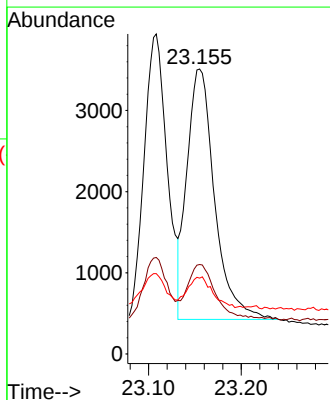
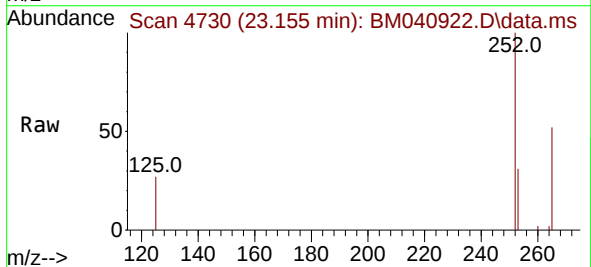
Instrument :
BNA_M
ClientSampleId :
SLCS870

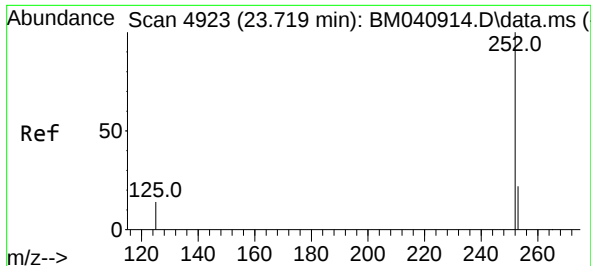
Tgt Ion:252 Resp: 6568
Ion Ratio Lower Upper
252 100
253 30.2 0.0 52.8
125 25.1 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. 0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:252 Resp: 6413
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 26.6 16.4 24.6#

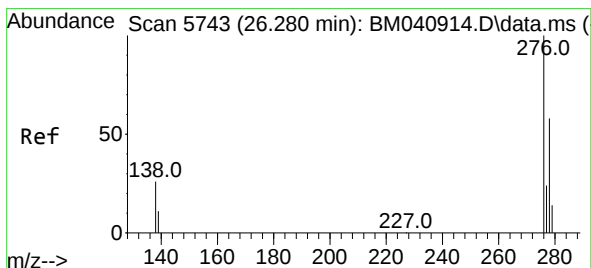
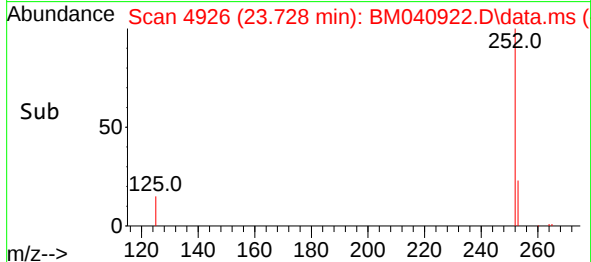
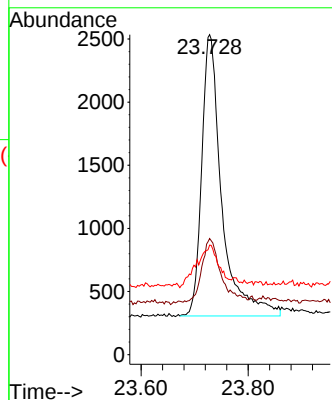
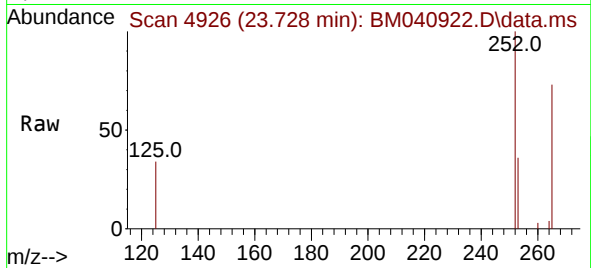




#26
Benzo(a)pyrene
Concen: 0.300 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. 0.006 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

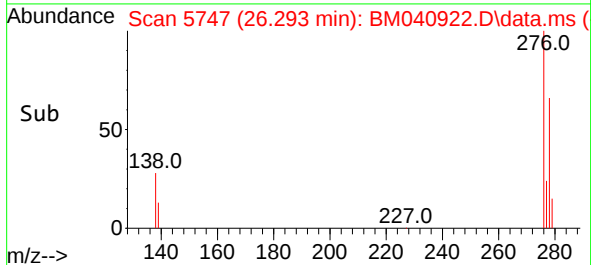
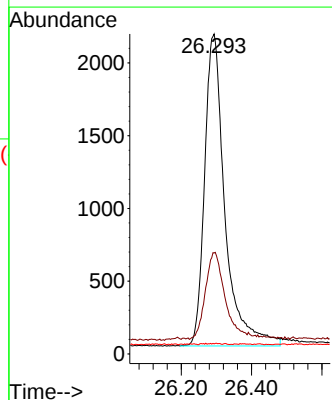
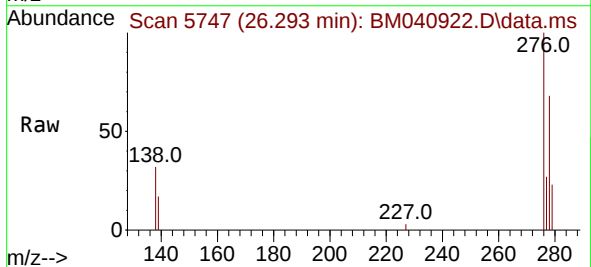
Instrument :
BNA_M
ClientSampleId :
SLCS870

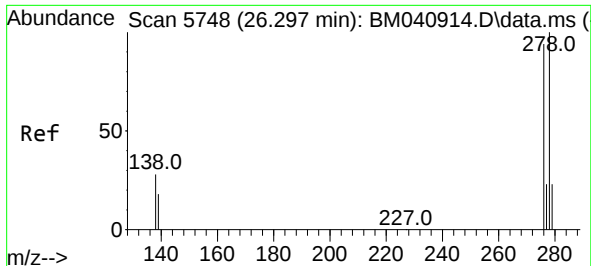
Tgt Ion:252 Resp: 5786
Ion Ratio Lower Upper
252 100
253 36.3 22.9 34.3#
125 34.3 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.293 min Scan# 5747
Delta R.T. 0.003 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:276 Resp: 8619
Ion Ratio Lower Upper
276 100
138 28.0 24.5 36.7
227 0.1 0.1 0.1

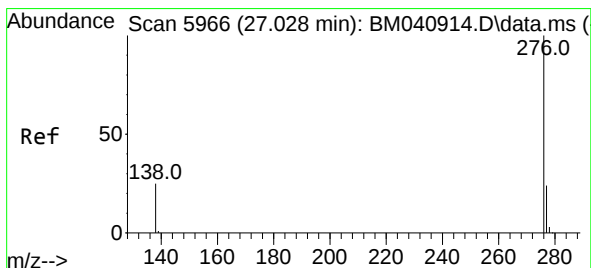
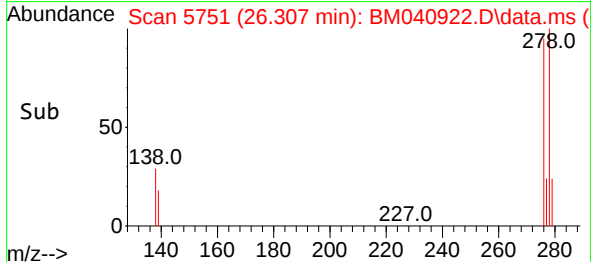
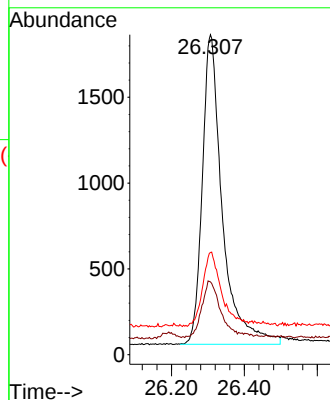
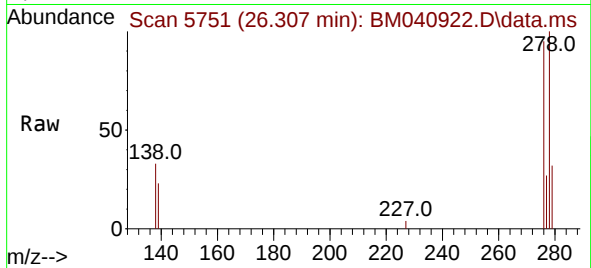




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.307 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Instrument :
BNA_M
ClientSampleId :
SLCS870

Tgt Ion:278 Resp: 6864
Ion Ratio Lower Upper
278 100
139 22.7 17.9 26.9
279 32.0 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.000 min
Lab File: BM040922.D
Acq: 17 Jul 2023 14:40

Tgt Ion:276 Resp: 7709
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.6
277 26.3 20.3 30.5

