

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040946.D
 Acq On : 18 Jul 2023 09:05
 Operator : MA/JU
 Sample : PB153976BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS976

Quant Time: Jul 18 22:25:48 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

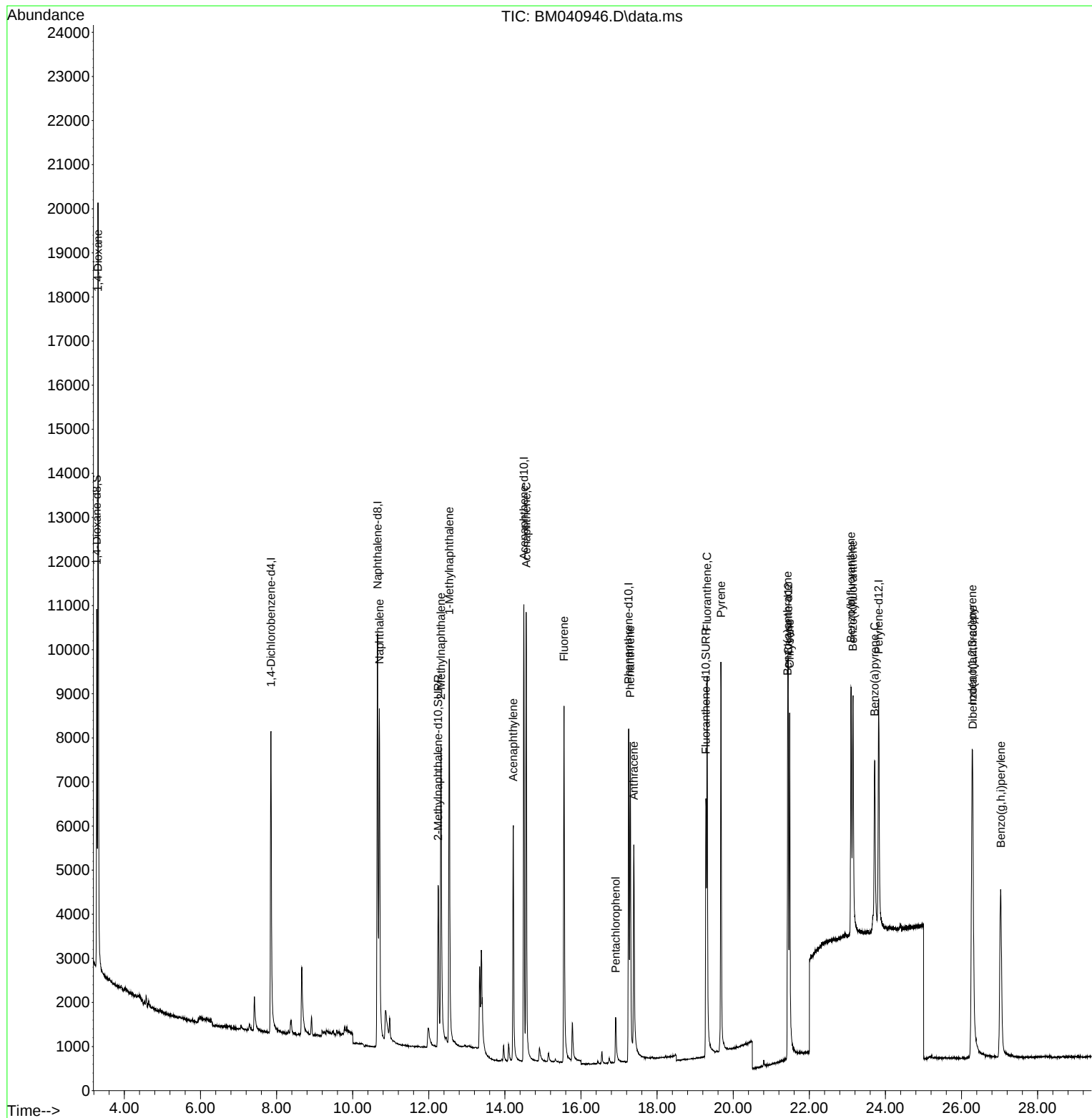
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.653	136	15182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.499	164	6268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	10301	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	6740	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	7719	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4690	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	6614	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	7425	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.309	88	10548	1.456	ng/ul	90
5) Naphthalene	10.702	128	11737	0.280	ng/ul	98
7) 2-Methylnaphthalene	12.319	142	6383	0.260	ng/ul	97
8) 1-Methylnaphthalene	12.539	142	6780	0.276	ng/ul	98
10) Acenaphthylene	14.222	152	7459	0.266	ng/ul	98
11) Acenaphthene	14.560	153	6373	0.270	ng/ul	98
12) Fluorene	15.554	166	6285	0.249	ng/ul	100
14) Pentachlorophenol	16.911	266	1037	0.523	ng/ul	94
15) Phenanthrene	17.295	178	8389	0.262	ng/ul	98
16) Anthracene	17.388	178	6757	0.251	ng/ul	98
19) Fluoranthene	19.315	202	8170	0.285	ng/ul	100
20) Pyrene	19.678	202	8490	0.277	ng/ul	97
21) Benzo(a)anthracene	21.431	228	6525	0.286	ng/ul	99
22) Chrysene	21.483	228	7217	0.278	ng/ul	99
24) Benzo(b)fluoranthene	23.097	252	7850	0.263	ng/ul	93
25) Benzo(k)fluoranthene	23.149	252	7794	0.265	ng/ul#	92
26) Benzo(a)pyrene	23.716	252	7236	0.269	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.280	276	10499	0.280	ng/ul	96
28) Dibenzo(a,h)anthracene	26.294	278	8348	0.285	ng/ul	96
29) Benzo(g,h,i)perylene	27.031	276	9196	0.280	ng/ul	99

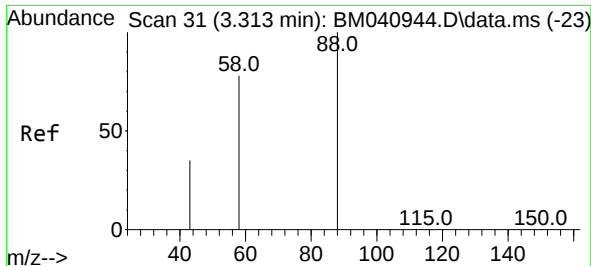
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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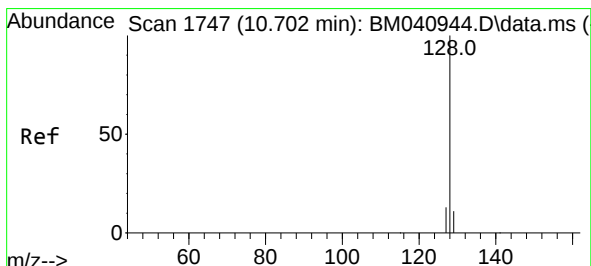
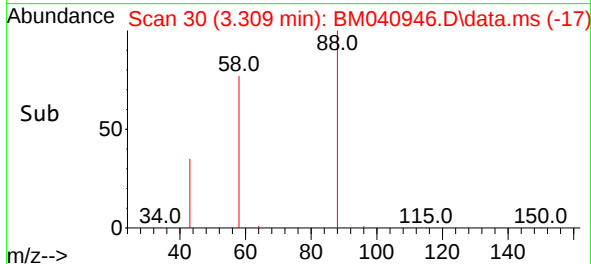
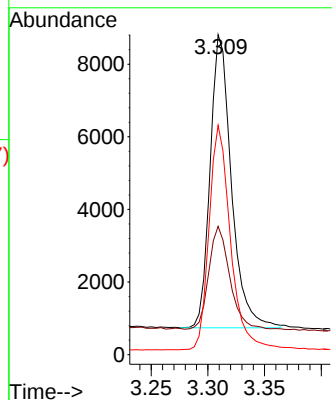
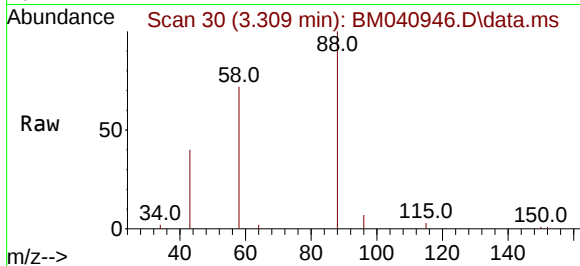




#2
1,4-Dioxane
Concen: 1.456 ng/ul
RT: 3.309 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

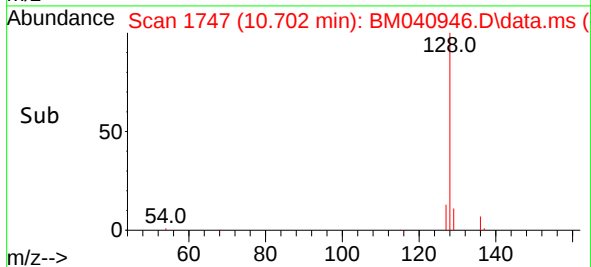
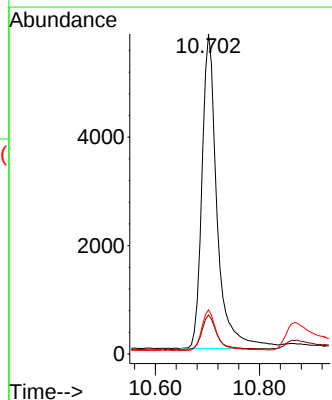
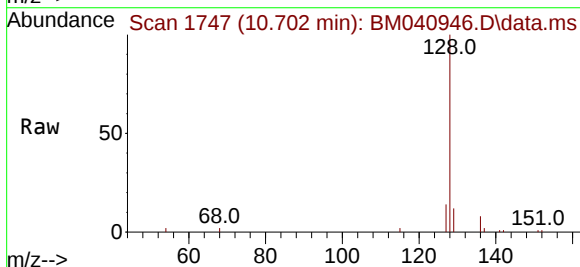
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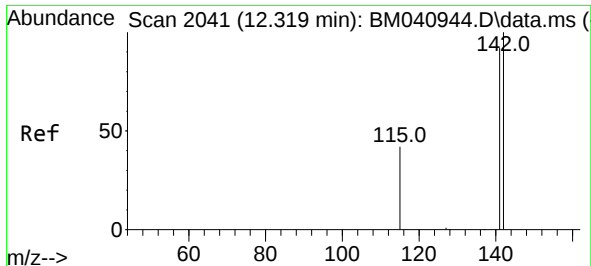
Tgt Ion: 88 Resp: 10548
Ion Ratio Lower Upper
88 100
43 40.1 36.1 54.1
58 71.7 49.8 74.8



#5
Naphthalene
Concen: 0.280 ng/ul
RT: 10.702 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion: 128 Resp: 11737
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.7 10.6 15.8

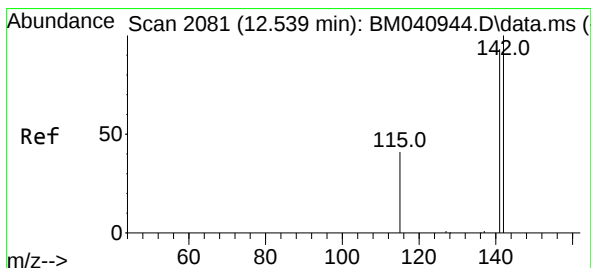
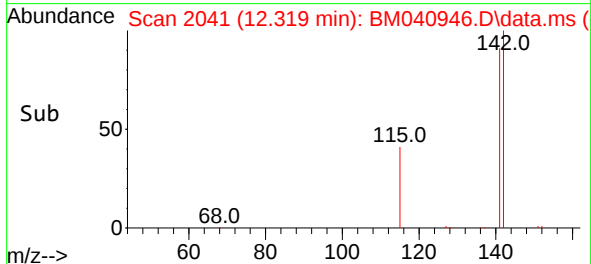
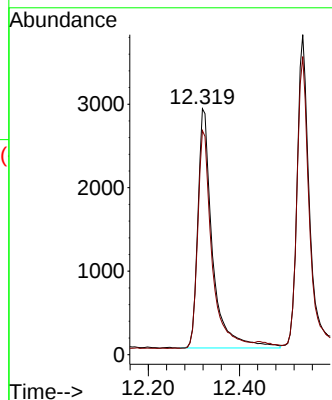
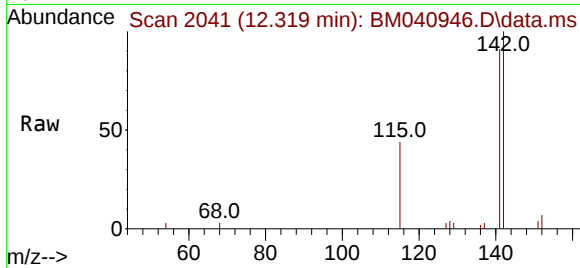




#7
2-Methylnaphthalene
Concen: 0.260 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

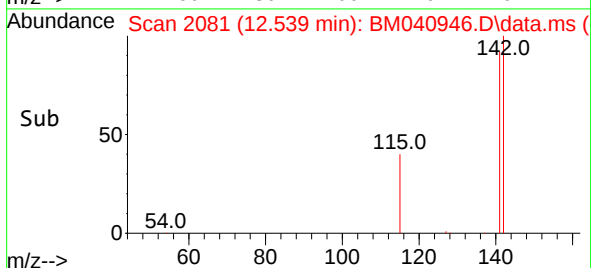
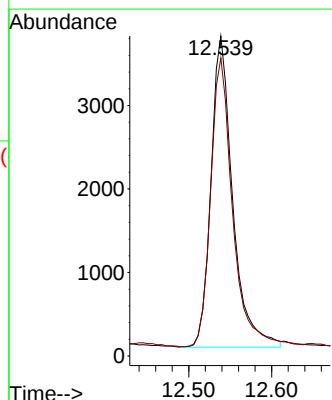
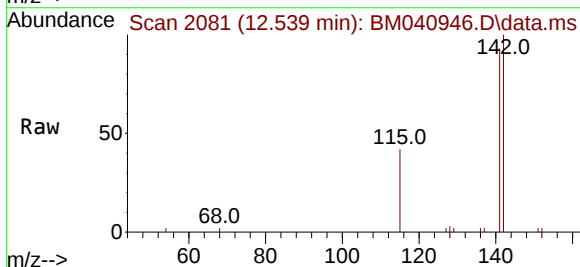
Instrument :
BNA_M
ClientSampleId :
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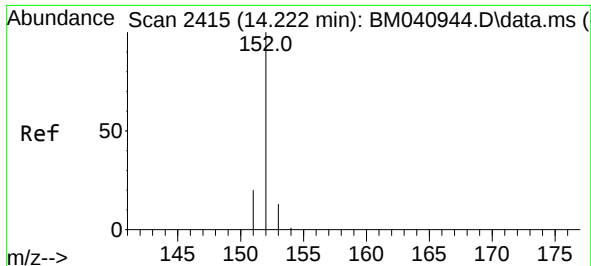
Tgt Ion:142 Resp: 6383
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:142 Resp: 6780
Ion Ratio Lower Upper
142 100
141 93.7 73.7 110.5

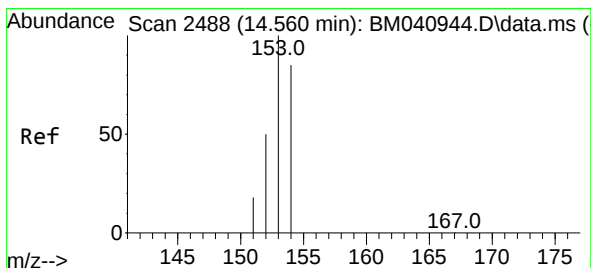
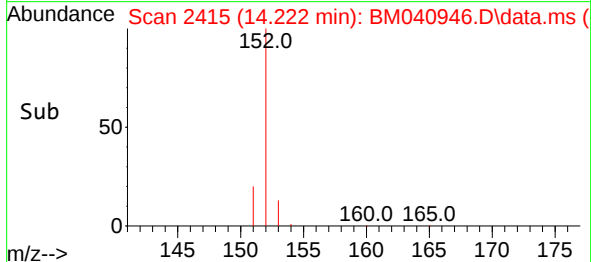
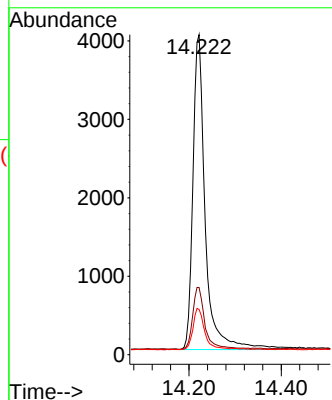
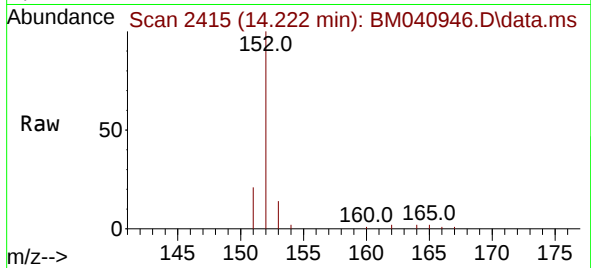




#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

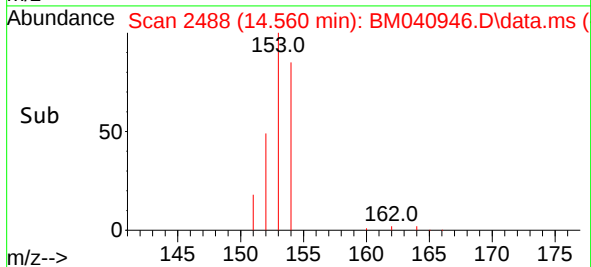
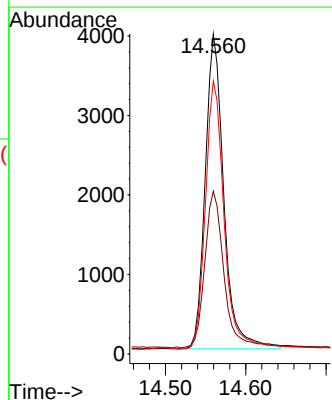
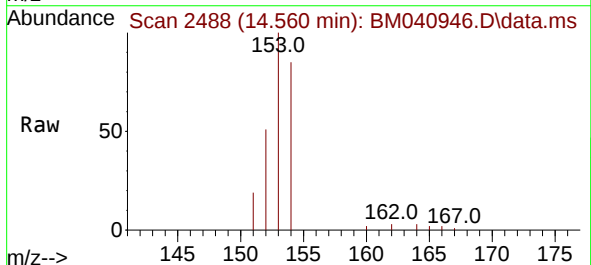
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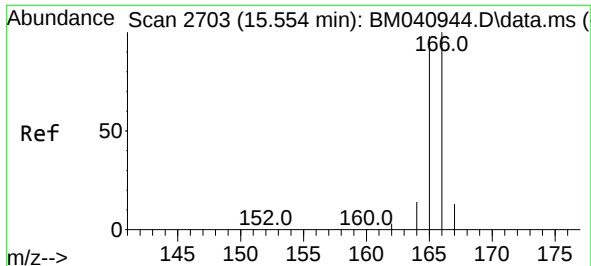
Tgt Ion:152 Resp: 7459
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.2 10.9 16.3



#11
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:153 Resp: 6373
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 85.3 70.8 106.2

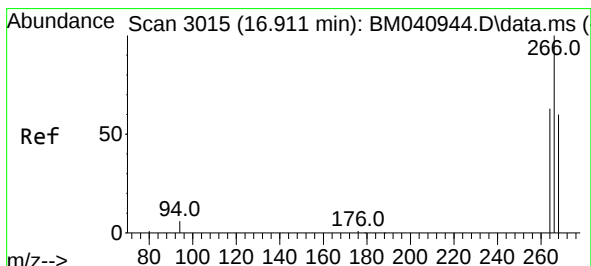
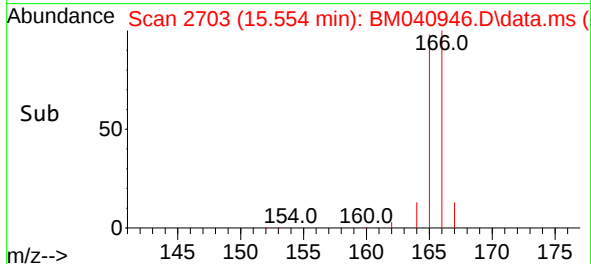
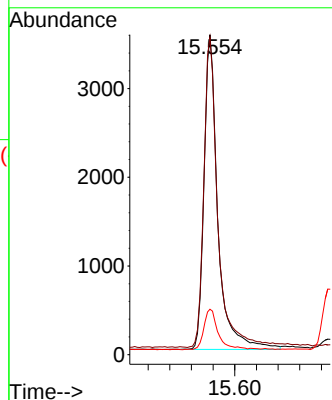
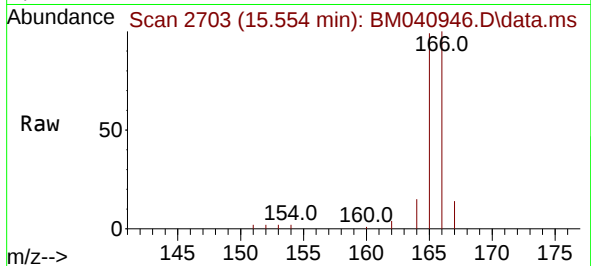




#12
Fluorene
Concen: 0.249 ng/ul
RT: 15.554 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

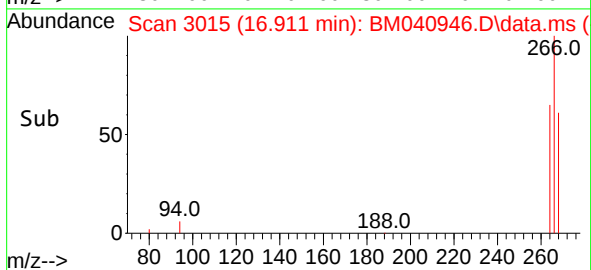
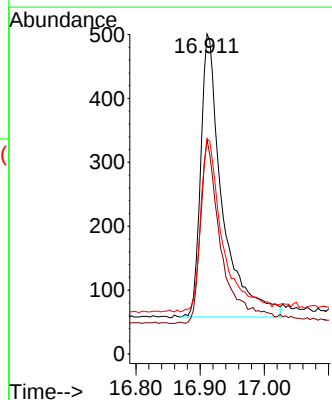
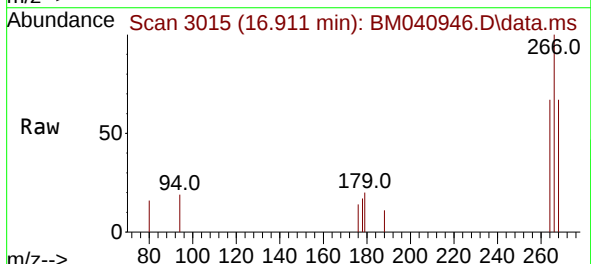
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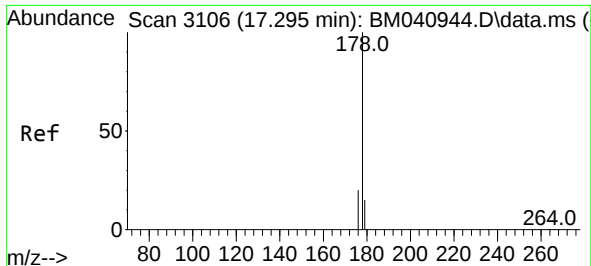
Tgt Ion:	166	Resp:	6285
Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.6	119.4
167	14.2	11.4	17.0



#14
Pentachlorophenol
Concen: 0.523 ng/ul
RT: 16.911 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:	266	Resp:	1037
Ion	Ratio	Lower	Upper
266	100		
264	63.1	45.4	68.0
268	62.1	47.2	70.8

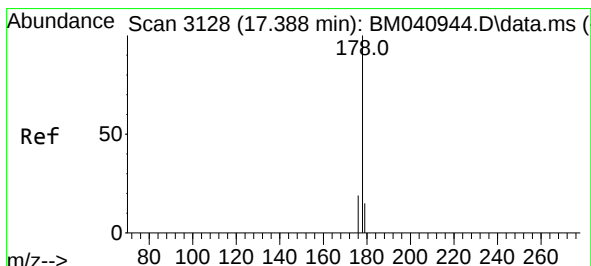
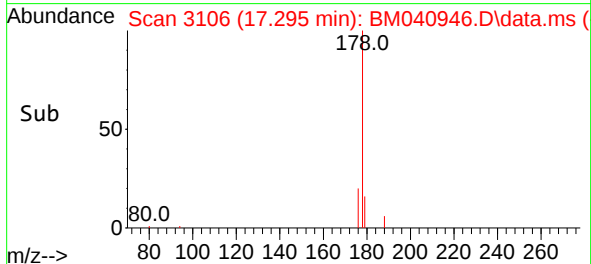
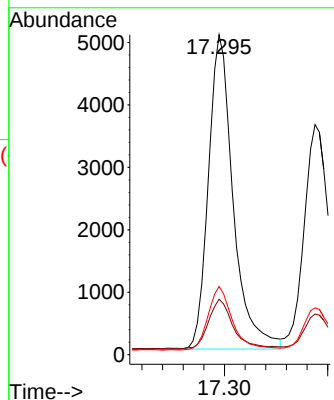
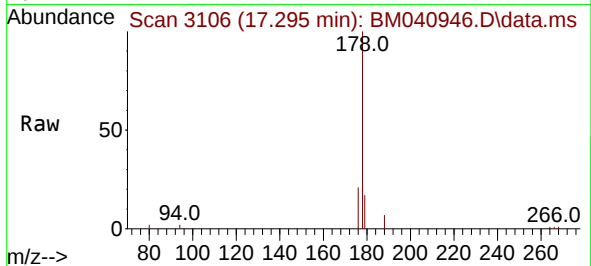




#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

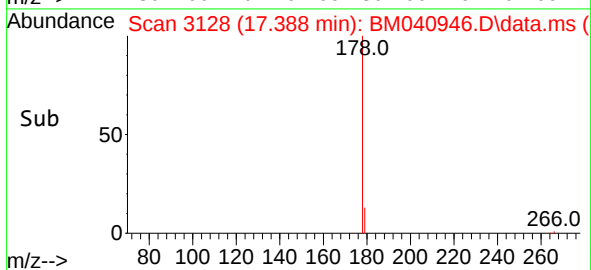
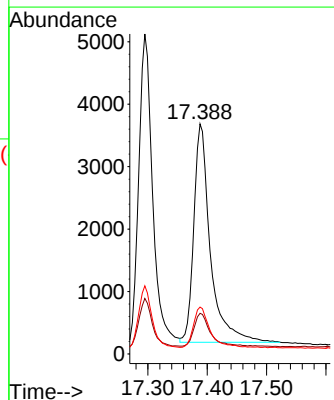
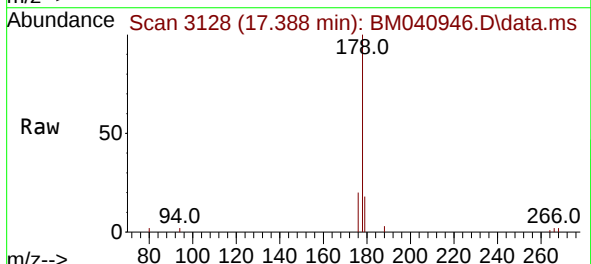
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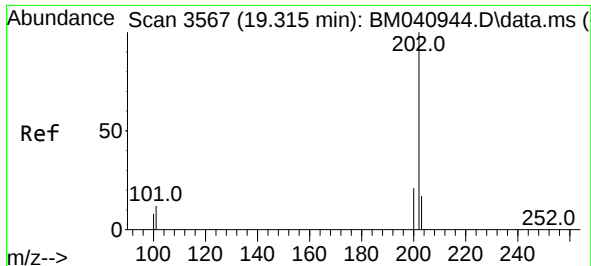
Tgt Ion:	178	Resp:	8389
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.8	19.2
176	21.3	16.4	24.6



#16
Anthracene
Concen: 0.251 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:	178	Resp:	6757
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.9	19.3
176	20.4	15.8	23.6

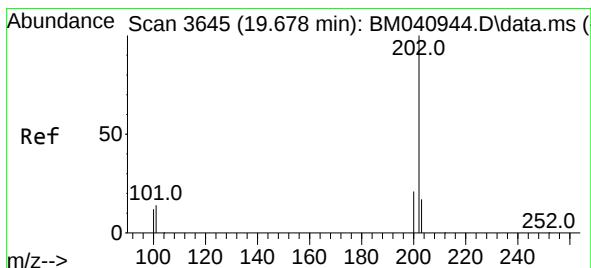
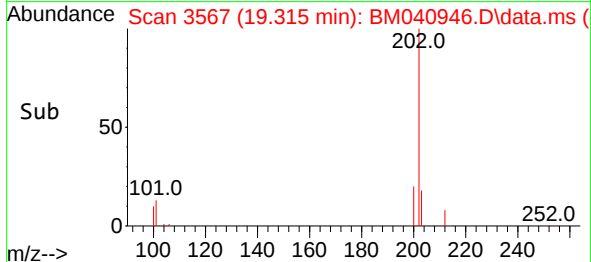
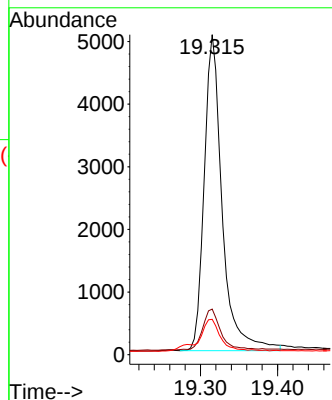
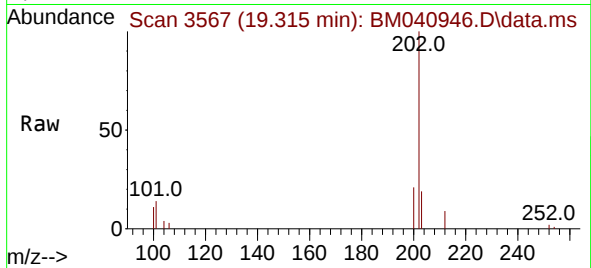




#19
Fluoranthene
Concen: 0.285 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

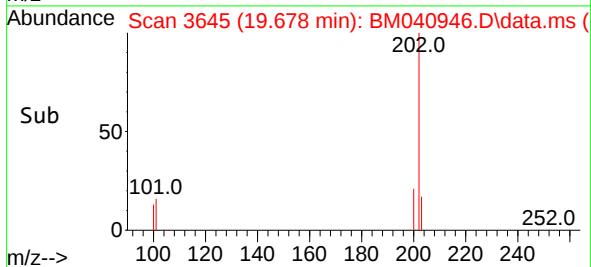
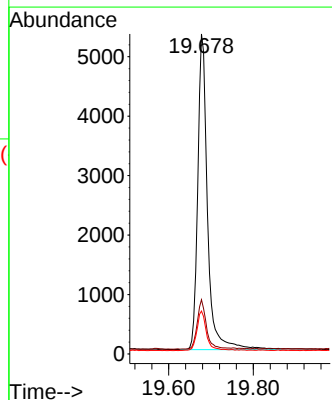
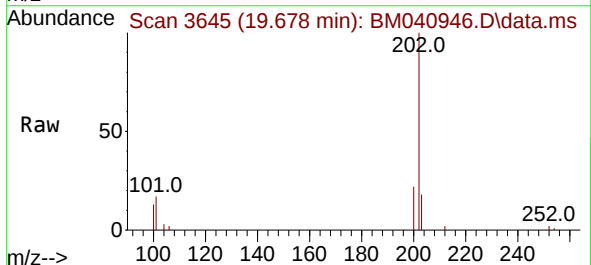
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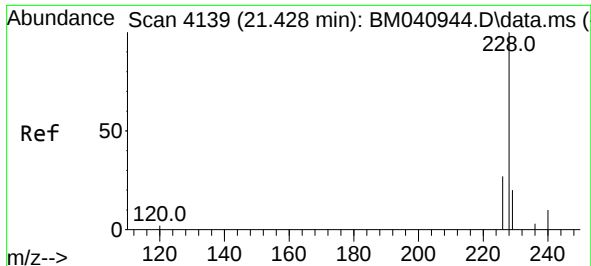
Tgt Ion:202 Resp: 8170
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.1 8.7 13.1



#20
Pyrene
Concen: 0.277 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:202 Resp: 8490
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 13.4 9.8 14.6

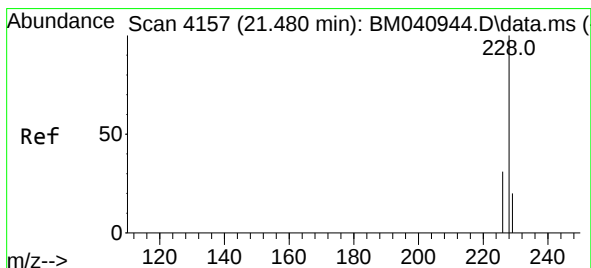
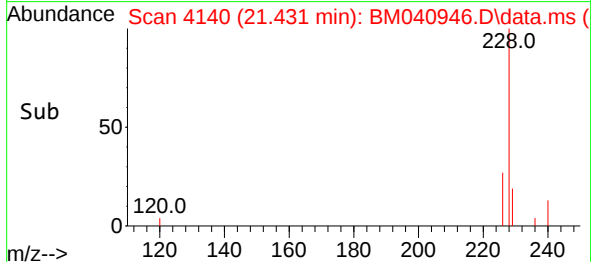
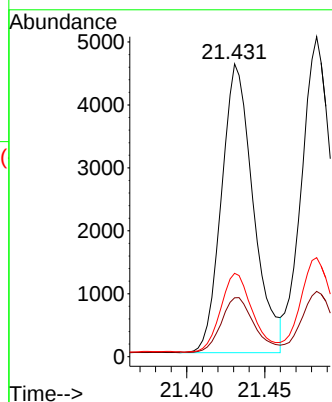
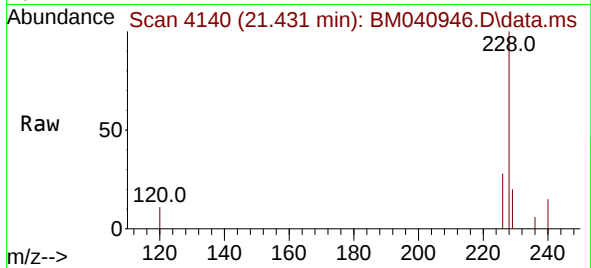




#21
Benzo(a)anthracene
Concen: 0.286 ng/ul
RT: 21.431 min Scan# 4139
Delta R.T. 0.003 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

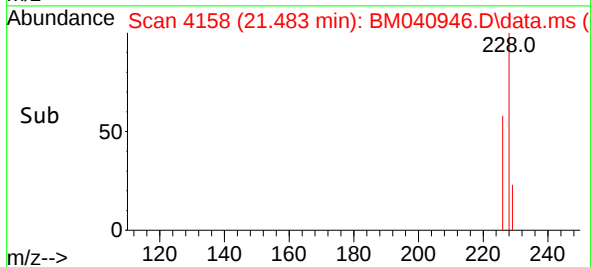
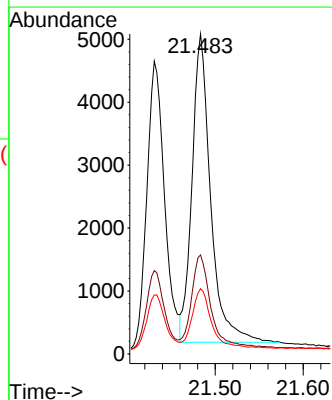
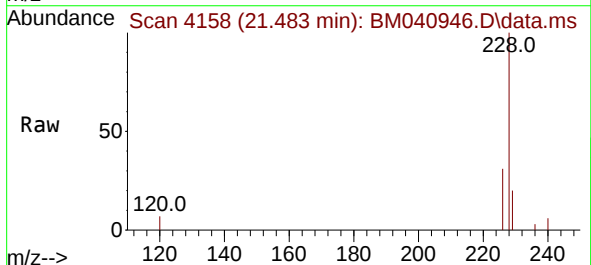
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ClientSampleId :
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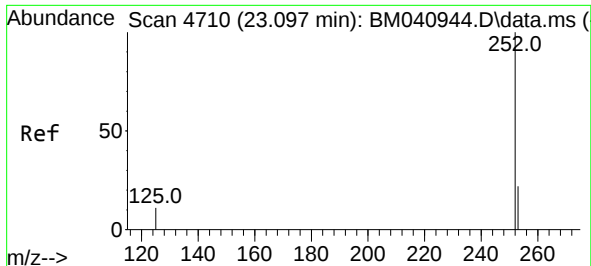
Tgt Ion:228 Resp: 6525
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.278 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:228 Resp: 7217
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 20.4 15.8 23.6

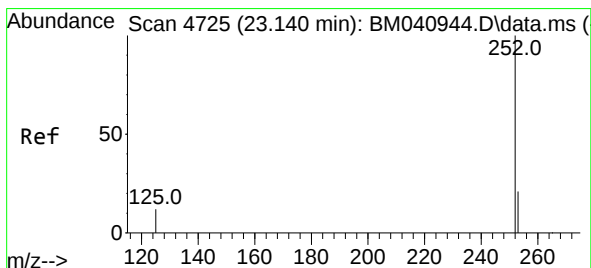
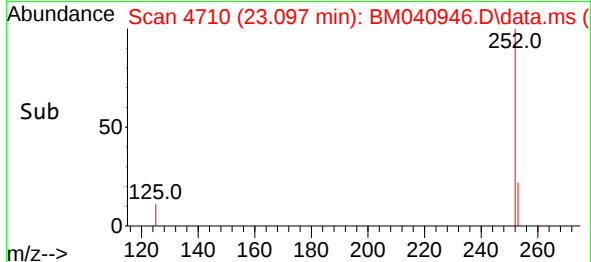
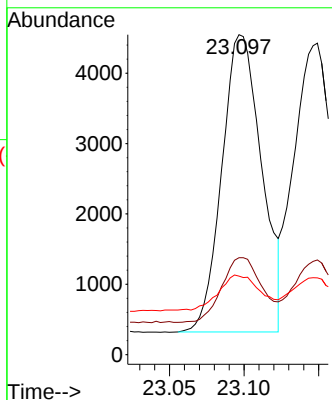
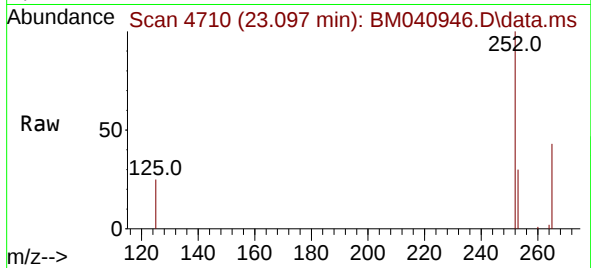




#24
Benzo(b)fluoranthene
Concen: 0.263 ng/ul
RT: 23.097 min Scan# 4710
Delta R.T. -0.000 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

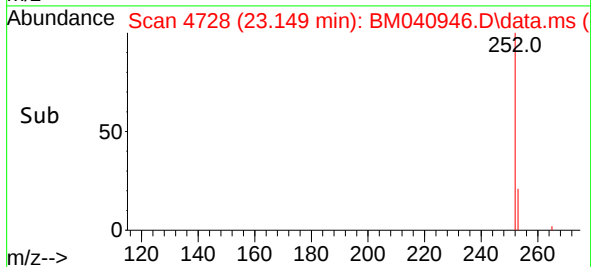
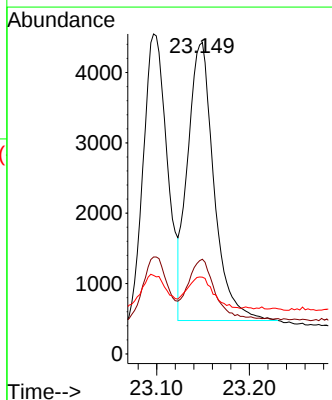
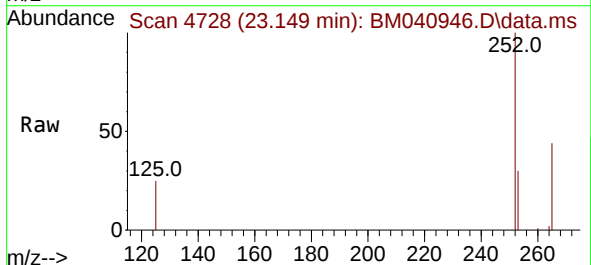
Instrument :
BNA_M
ClientSampleId :
SLCS976

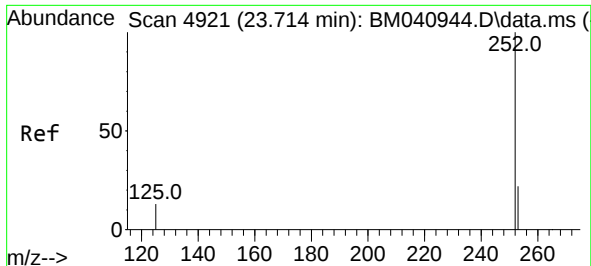
Tgt Ion:252	Resp:	7850
Ion Ratio	Lower	Upper
252	100	
253	30.3	0.0 52.8
125	24.6	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. 0.009 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:252	Resp:	7794
Ion Ratio	Lower	Upper
252	100	
253	30.4	21.2 31.8
125	24.6	16.4 24.6#

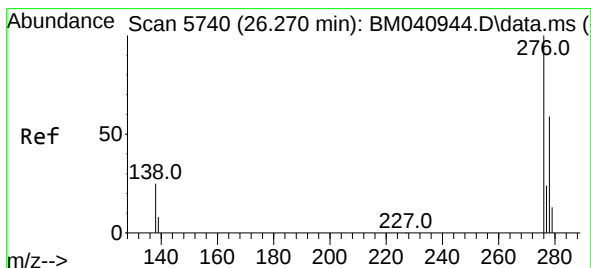
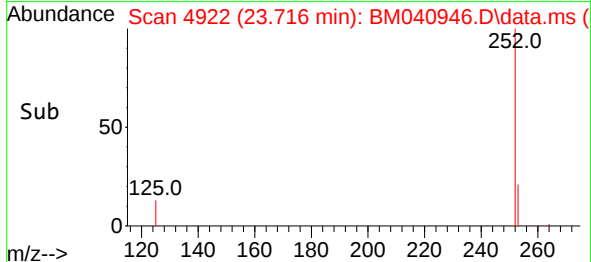
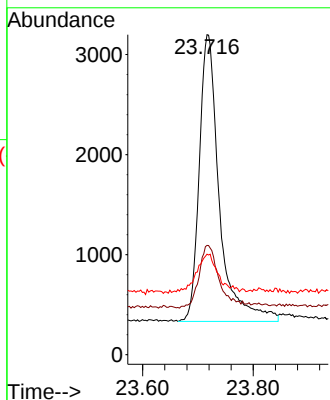
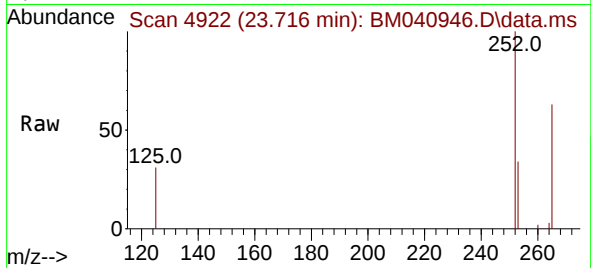




#26
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 23.716 min Scan# 4921
Delta R.T. 0.003 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

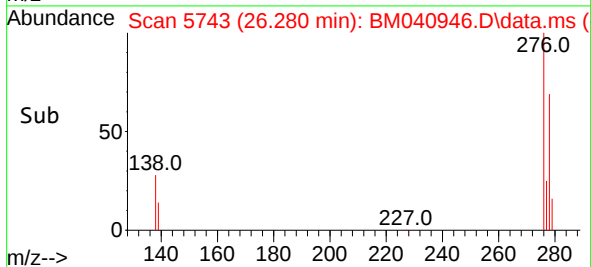
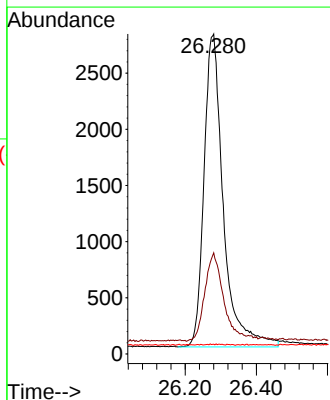
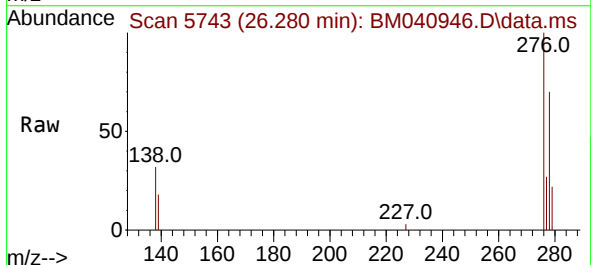
Instrument :
BNA_M
ClientSampleId :
SLCS976

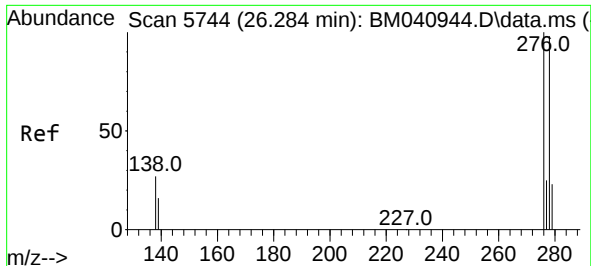
Tgt Ion:	252	Resp:	7236
Ion Ratio	Lower	Upper	
252	100		
253	34.1	22.9	34.3
125	31.4	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. 0.010 min
Lab File: BM040946.D
Acq: 18 Jul 2023 09:05

Tgt Ion:	276	Resp:	10499
Ion Ratio	Lower	Upper	
276	100		
138	28.1	24.5	36.7
227	0.1	0.1	0.1

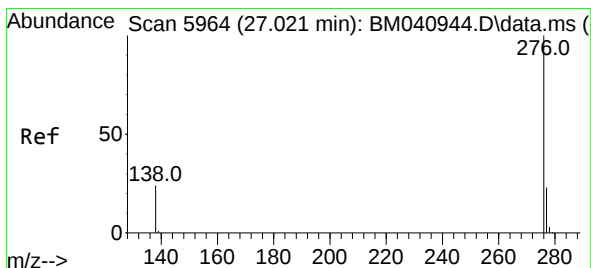
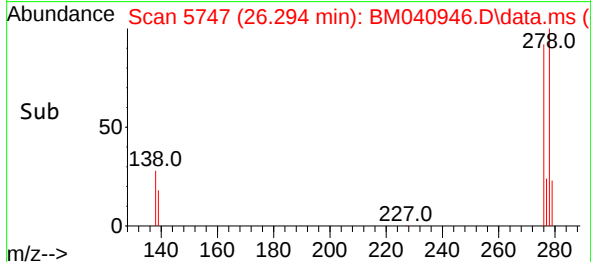
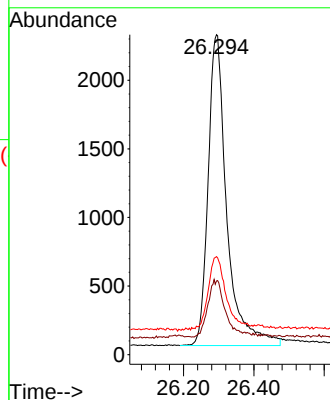
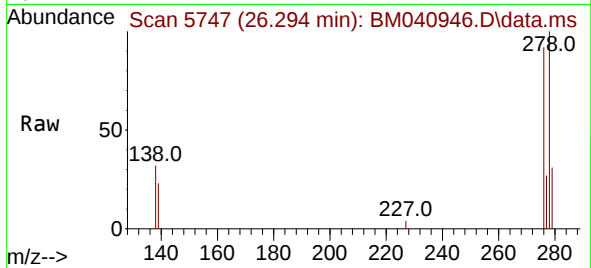




#28
 Dibenzo(a,h)anthracene
 Concen: 0.285 ng/ul
 RT: 26.294 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BM040946.D
 Acq: 18 Jul 2023 09:05

Instrument :
 BNA_M
 ClientSampleId :
 SLCS976

Tgt Ion:	278	Resp:	8348
Ion Ratio	Lower	Upper	
278	100		
139	23.0	17.9	26.9
279	30.7	22.0	33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.280 ng/ul
 RT: 27.031 min Scan# 5967
 Delta R.T. 0.010 min
 Lab File: BM040946.D
 Acq: 18 Jul 2023 09:05

Tgt Ion:	276	Resp:	9196
Ion Ratio	Lower	Upper	
276	100		
138	27.9	23.0	34.6
277	26.0	20.3	30.5

