

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060121\  
 Data File : BM030240.D  
 Acq On : 01 Jun 2021 16:42  
 Operator : CG/JU  
 Sample : PB136659BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS659

Quant Time: Jun 01 17:12:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM060121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 01 15:22:57 2021  
 Response via : Initial Calibration

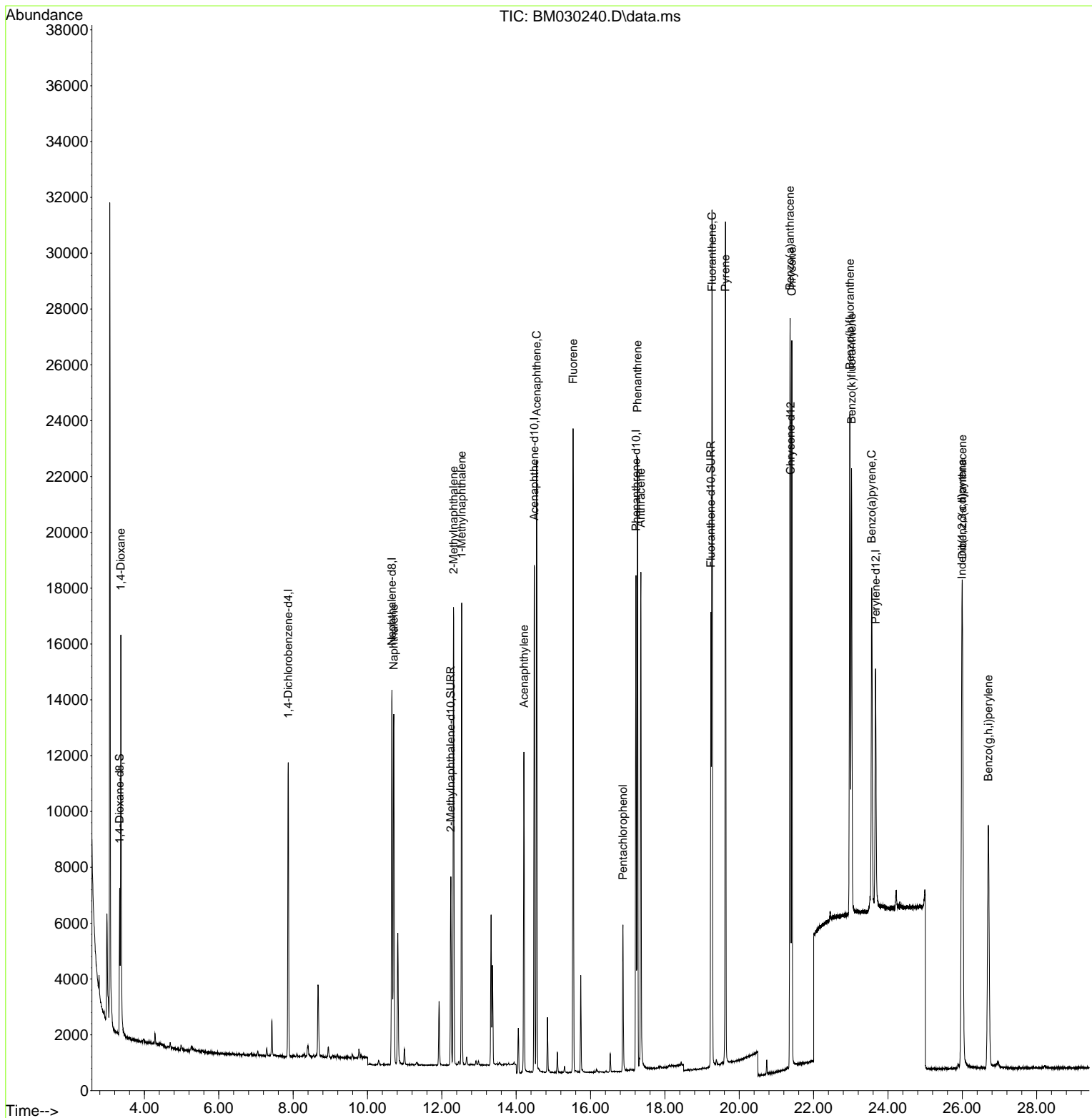
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.867	152	5380	0.40 ng/ul	0.00
4) Naphthalene-d8	10.657	136	17985	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.485	164	10040	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.221	188	20269	0.40 ng/ul	0.00
17) Chrysene-d12	21.381	240	14289	0.40 ng/ul	0.00
23) Perylene-d12	23.668	264	11863	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.334	96	3246	0.62 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	8701	0.34 ng/ul	0.00
18) Fluoranthene-d10	19.237	212	17293	0.36 ng/ul	0.00
Target Compounds					
					Qvalue
2) 1,4-Dioxane	3.365	88	8863	1.56 ng/ul#	83
5) Naphthalene	10.707	128	17308	0.33 ng/ul	100
7) 2-Methylnaphthalene	12.317	142	11622	0.32 ng/ul	99
8) 1-Methylnaphthalene	12.533	142	11176	0.32 ng/ul	99
10) Acenaphthylene	14.208	152	13407	0.28 ng/ul	100
11) Acenaphthene	14.550	153	12381	0.30 ng/ul	100
12) Fluorene	15.532	166	14232	0.31 ng/ul	100
14) Pentachlorophenol	16.871	266	3519	0.56 ng/ul	99
15) Phenanthrene	17.263	178	23181	0.32 ng/ul	100
16) Anthracene	17.353	178	19529	0.31 ng/ul	99
19) Fluoranthene	19.268	202	25820	0.35 ng/ul	99
20) Pyrene	19.630	202	25829	0.35 ng/ul	100
21) Benzo(a)anthracene	21.364	228	20191	0.35 ng/ul	100
22) Chrysene	21.415	228	22336	0.36 ng/ul	100
24) Benzo(b)fluoranthene	22.975	252	22808	0.39 ng/ul	99
25) Benzo(k)fluoranthene	23.021	252	20827	0.37 ng/ul	98
26) Benzo(a)pyrene	23.564	252	17343	0.36 ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.986	276	21304	0.34 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.001	278	17161	0.34 ng/ul	100
29) Benzo(g,h,i)perylene	26.699	276	18332	0.33 ng/ul	99

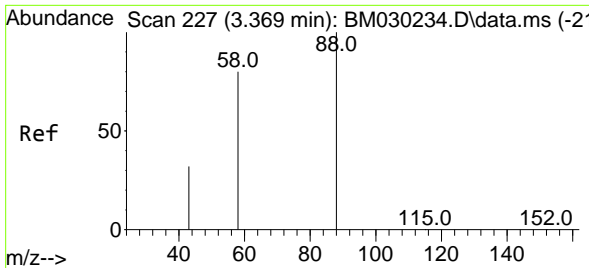
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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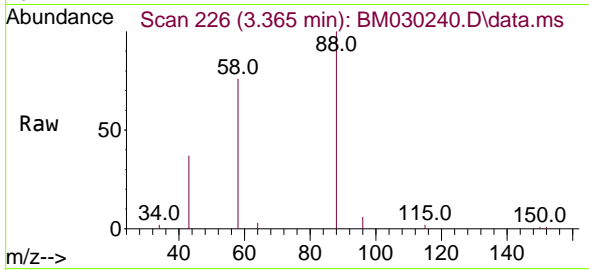
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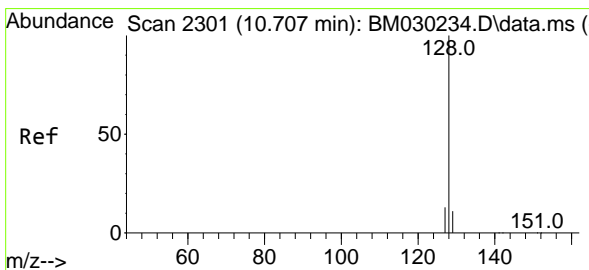
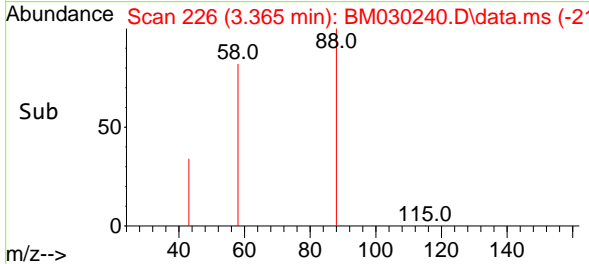
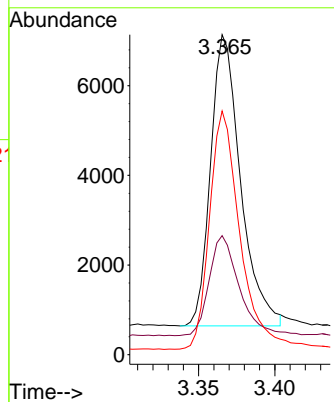


#2  
 1,4-Dioxane  
 Concen: 1.56 ng/ul  
 RT: 3.365 min Scan# 226  
 Delta R.T. -0.004 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Instrument :  
 BNA\_M  
 ClientSampled :  
 SLCS659

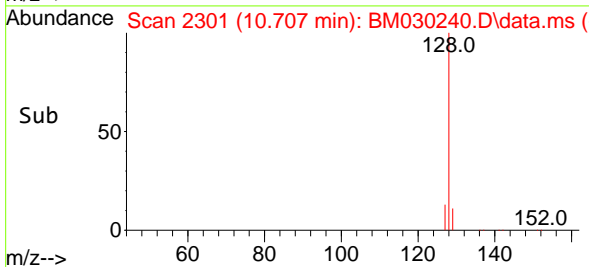
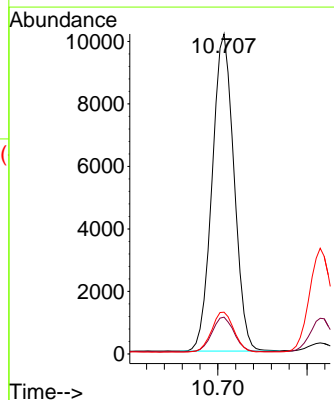
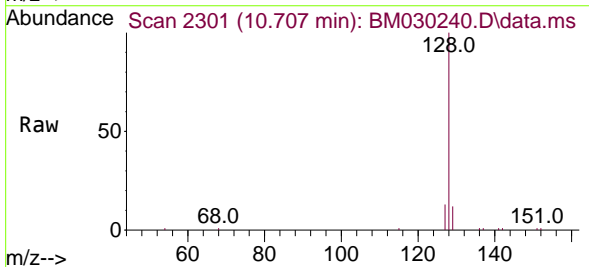


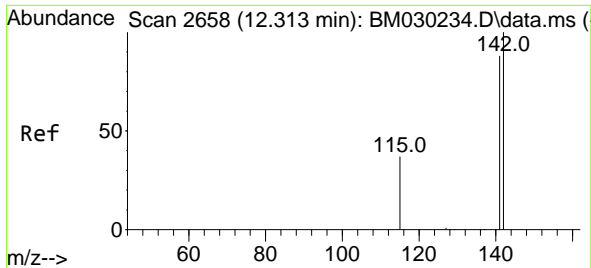
Tgt Ion: 88 Resp: 8863  
 Ion Ratio Lower Upper  
 88 100  
 43 37.2 38.2 57.4#  
 58 76.1 49.8 74.8#



#5  
 Naphthalene  
 Concen: 0.33 ng/ul  
 RT: 10.707 min Scan# 2301  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion: 128 Resp: 17308  
 Ion Ratio Lower Upper  
 128 100  
 129 11.5 9.0 13.4  
 127 13.1 10.5 15.7

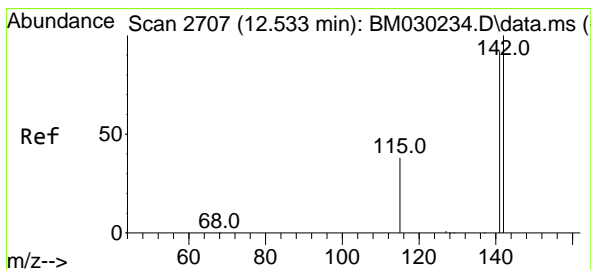
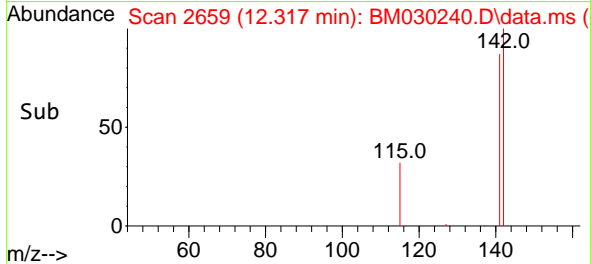
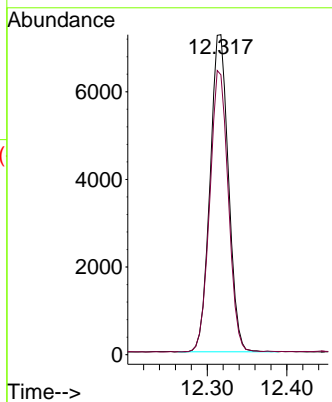
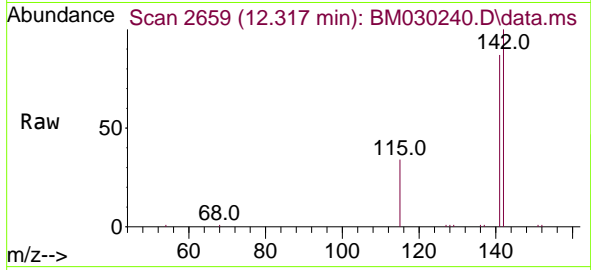




#7  
 2-Methylnaphthalene  
 Concen: 0.32 ng/ul  
 RT: 12.317 min Scan# 2659  
 Delta R.T. 0.004 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

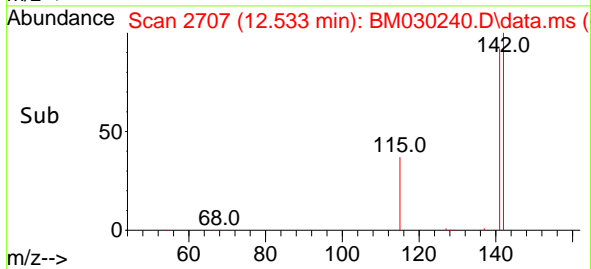
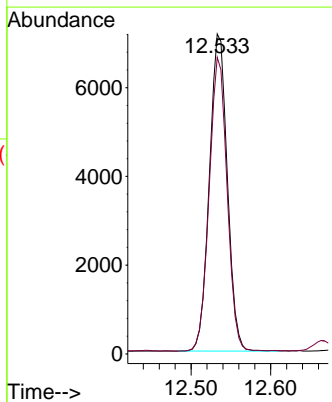
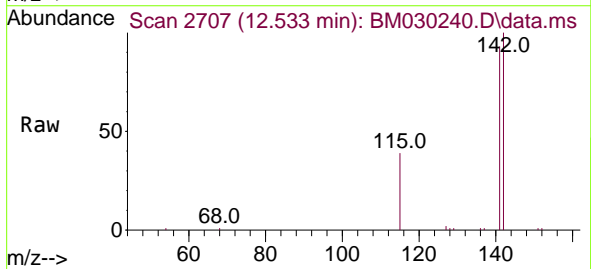
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**ClientSampled :**  
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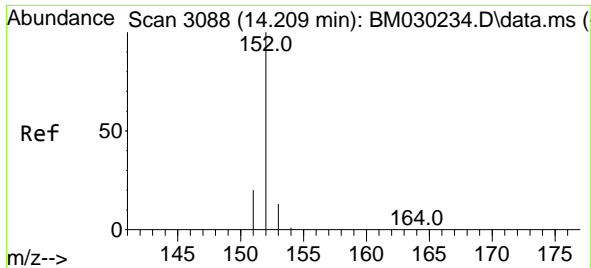
Tgt Ion:142 Resp: 11622  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 71.5 107.3



#8  
 1-Methylnaphthalene  
 Concen: 0.32 ng/ul  
 RT: 12.533 min Scan# 2707  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion:142 Resp: 11176  
 Ion Ratio Lower Upper  
 142 100  
 141 92.4 73.3 109.9

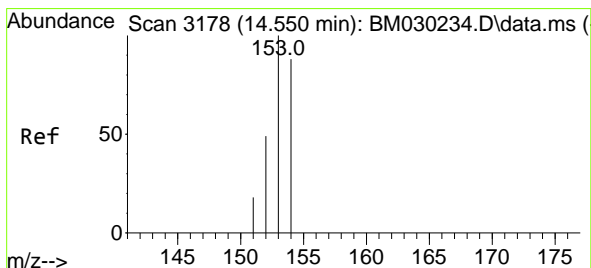
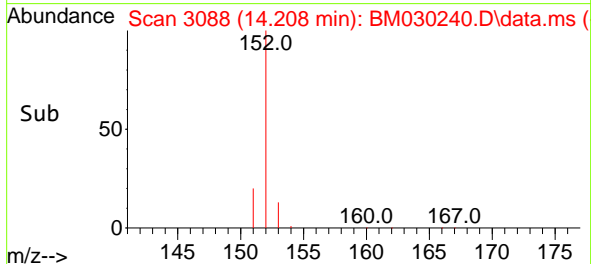
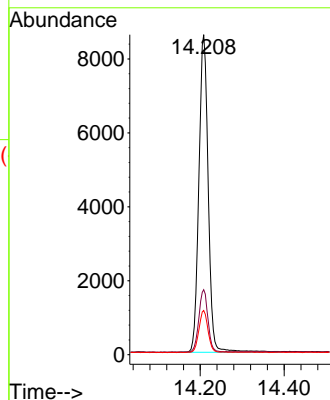
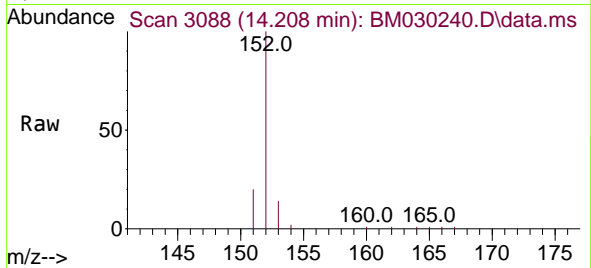




#10  
 Acenaphthylene  
 Concen: 0.28 ng/ul  
 RT: 14.208 min Scan# 3088  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

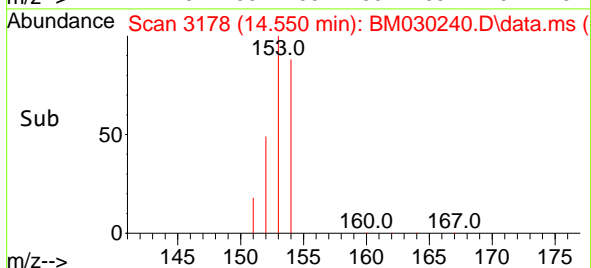
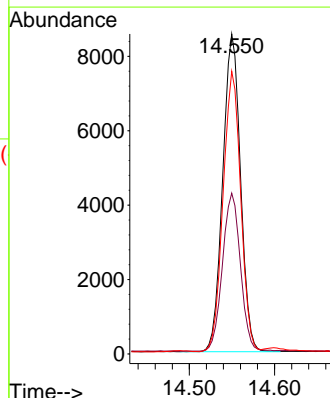
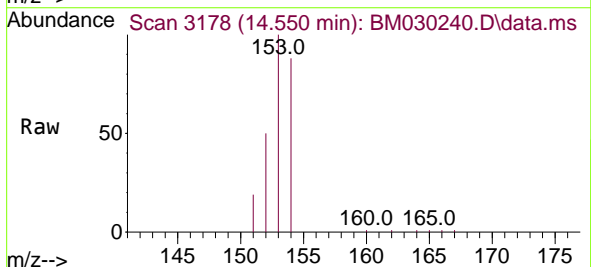
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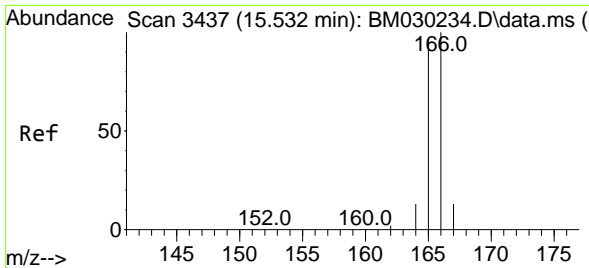
Tgt Ion	Resp	Lower	Upper
152	13407		
151	20.3	16.2	24.2
153	13.8	10.9	16.3



#11  
 Acenaphthene  
 Concen: 0.30 ng/ul  
 RT: 14.550 min Scan# 3178  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
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Tgt Ion	Resp	Lower	Upper
153	12381		
152	50.2	39.8	59.8
154	88.4	70.9	106.3

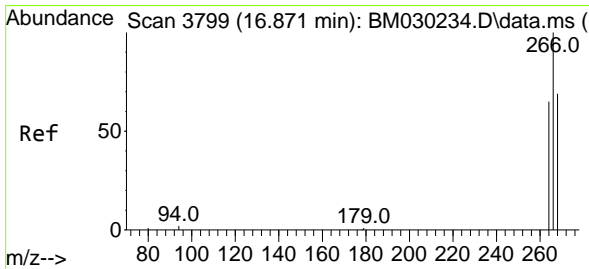
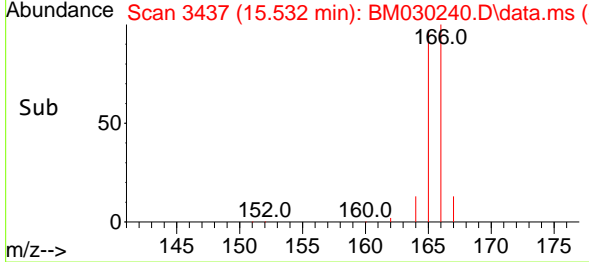
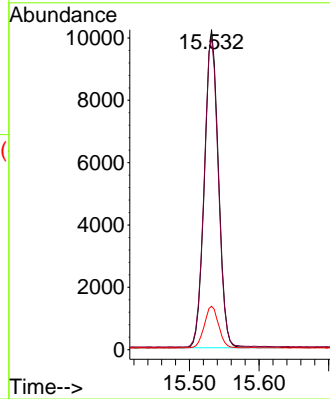
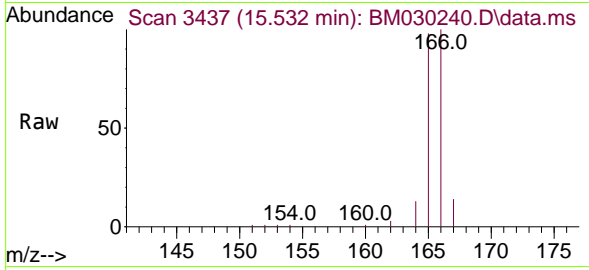




#12  
 Fluorene  
 Concen: 0.31 ng/ul  
 RT: 15.532 min Scan# 3437  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

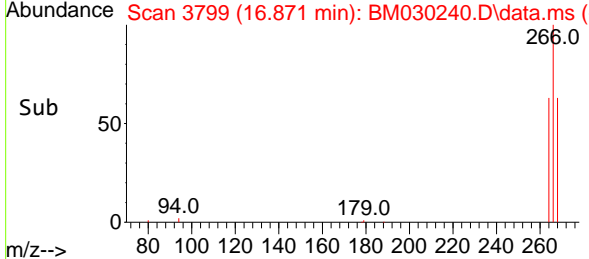
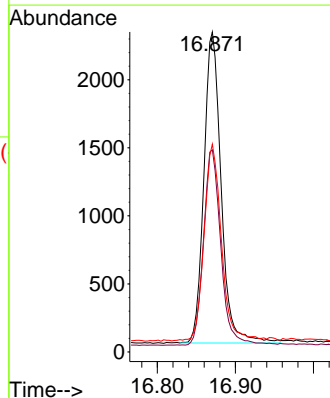
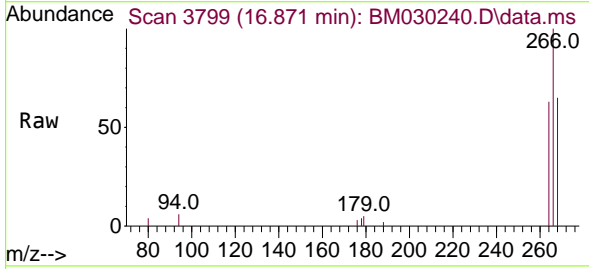
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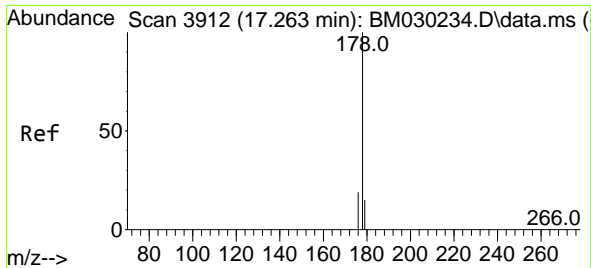
Tgt Ion	Resp	Lower	Upper
166	14232		
165	97.6	78.2	117.2
167	13.5	10.9	16.3



#14  
 Pentachlorophenol  
 Concen: 0.56 ng/ul  
 RT: 16.871 min Scan# 3799  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

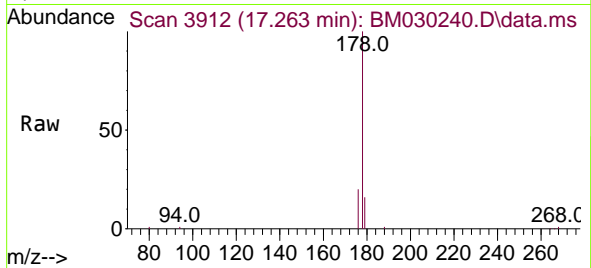
Tgt Ion	Resp	Lower	Upper
266	3519		
264	63.1	50.6	75.8
268	63.9	50.0	75.0



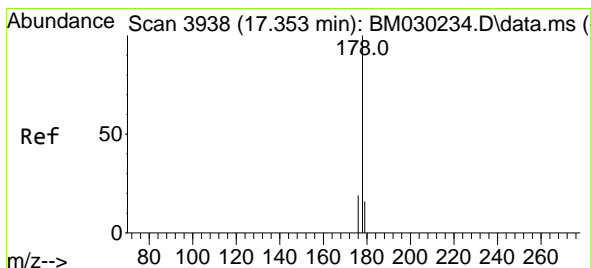
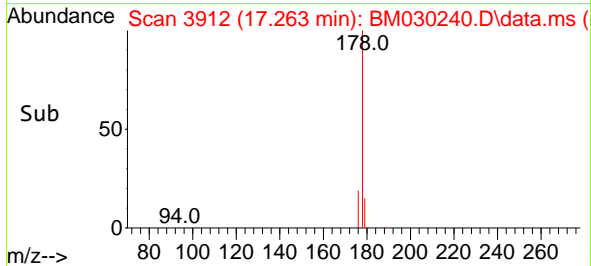
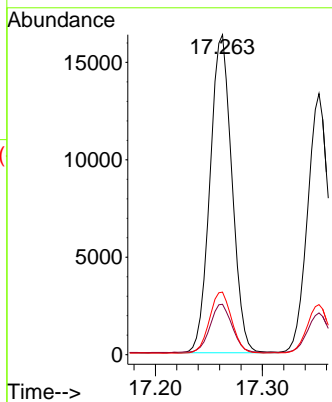


#15  
 Phenanthrene  
 Concen: 0.32 ng/ul  
 RT: 17.263 min Scan# 3912  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Instrument :  
 BNA\_M  
 ClientSampled :  
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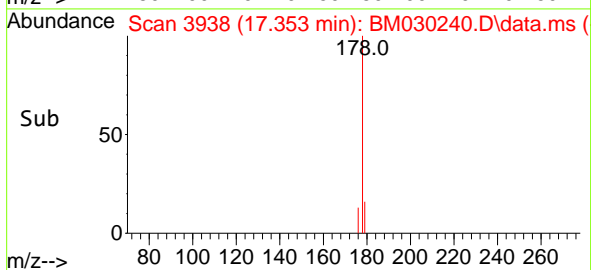
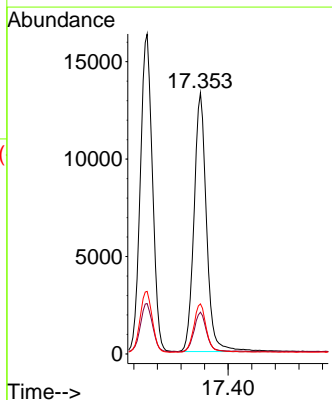
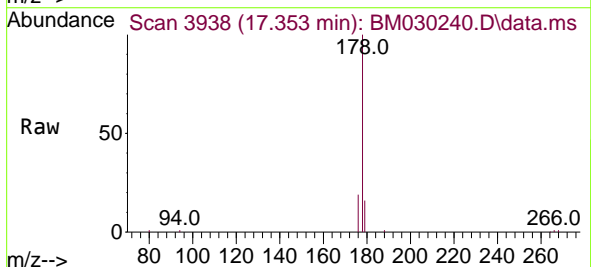


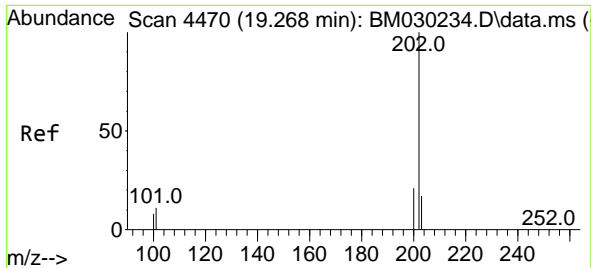
Tgt Ion:178 Resp: 23181  
 Ion Ratio Lower Upper  
 178 100  
 179 15.7 12.5 18.7  
 176 19.6 15.6 23.4



#16  
 Anthracene  
 Concen: 0.31 ng/ul  
 RT: 17.353 min Scan# 3938  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion:178 Resp: 19529  
 Ion Ratio Lower Upper  
 178 100  
 179 16.0 13.1 19.7  
 176 19.2 15.7 23.5

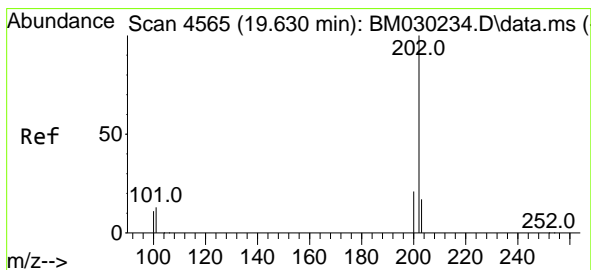
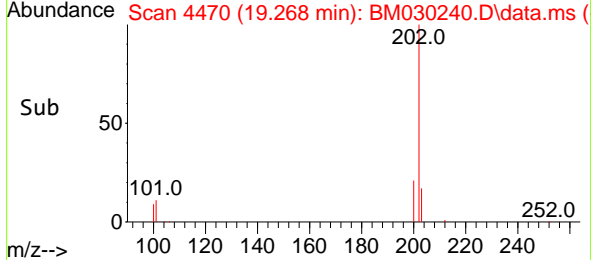
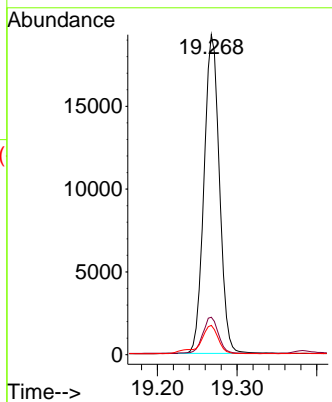
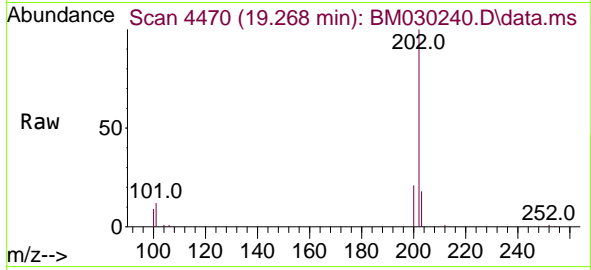




#19  
 Fluoranthene  
 Concen: 0.35 ng/ul  
 RT: 19.268 min Scan# 4470  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

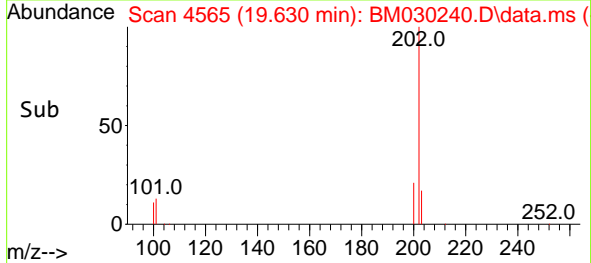
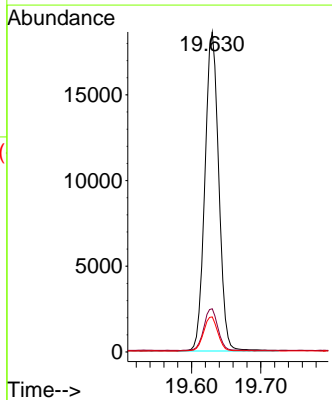
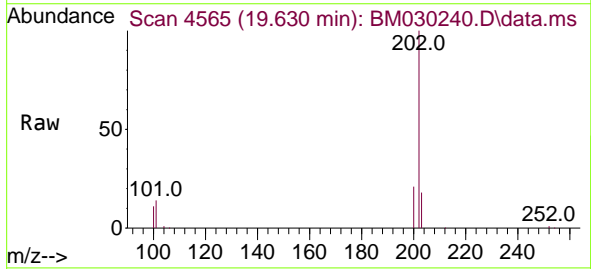
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Tgt Ion	Resp	Lower	Upper
202	100		
101	11.7	9.7	14.5
100	9.1	7.4	11.0

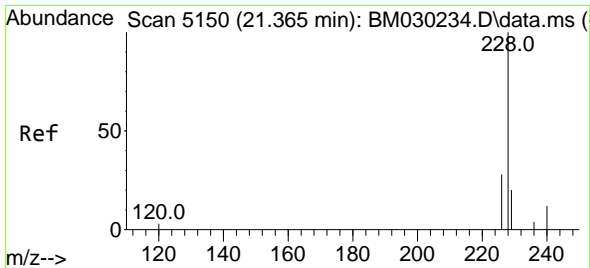


#20  
 Pyrene  
 Concen: 0.35 ng/ul  
 RT: 19.630 min Scan# 4565  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion	Resp	Lower	Upper
202	100		
101	13.5	10.6	16.0
100	10.9	8.9	13.3



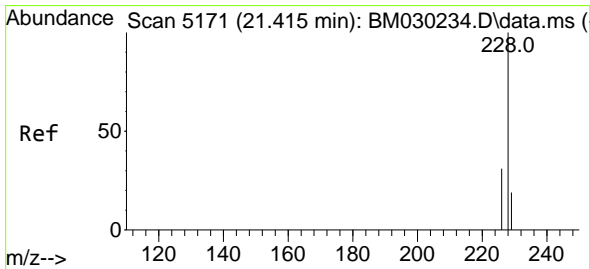
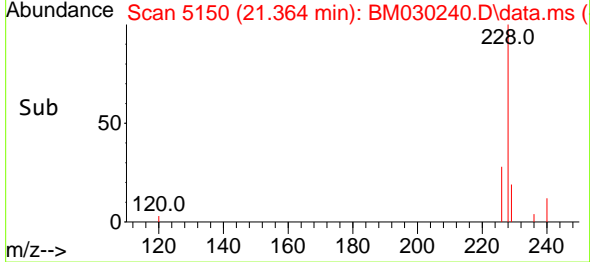
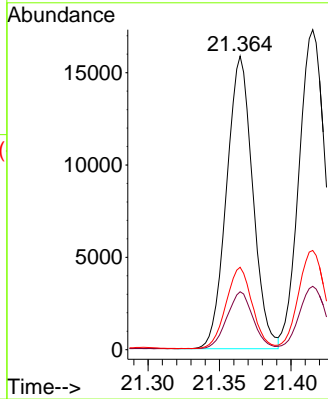
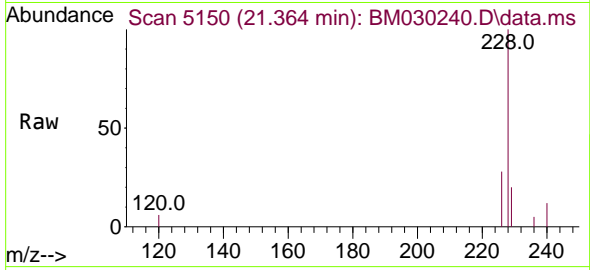




#21  
 Benzo(a)anthracene  
 Concen: 0.35 ng/u1  
 RT: 21.364 min Scan# 5150  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

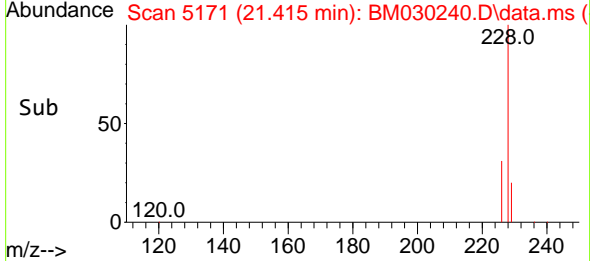
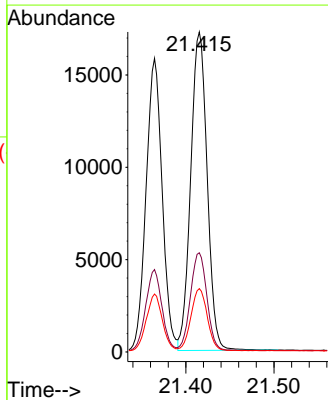
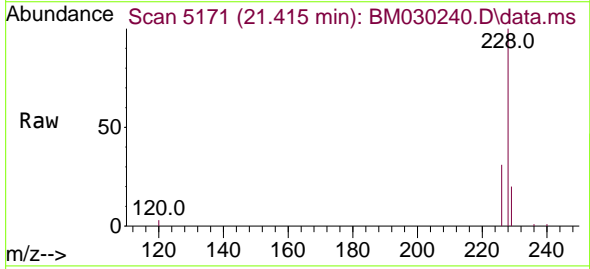
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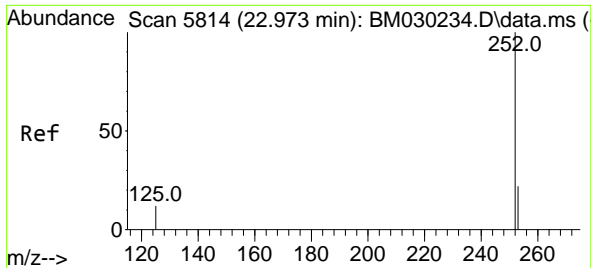
Tgt Ion	Resp	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	28.0	22.3	33.5



#22  
 Chrysene  
 Concen: 0.36 ng/u1  
 RT: 21.415 min Scan# 5171  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion	Resp	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	19.8	15.7	23.5

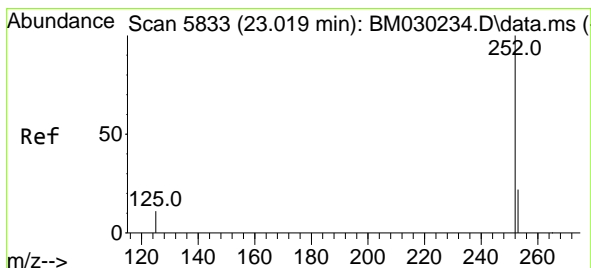
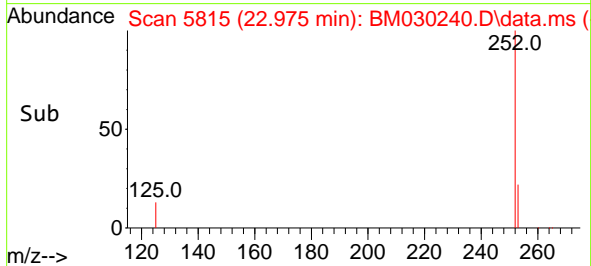
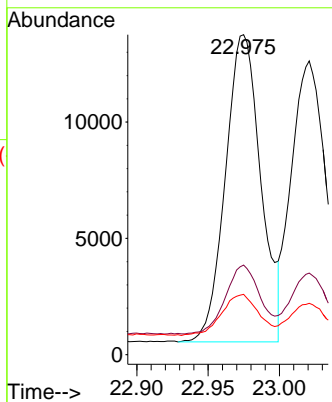
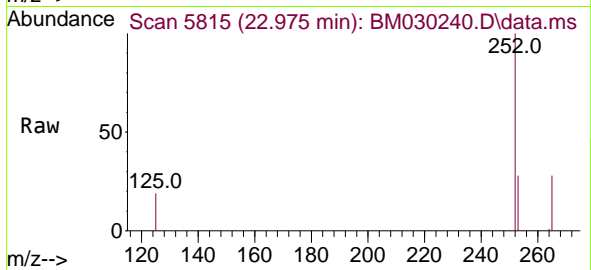




#24  
 Benzo(b)fluoranthene  
 Concen: 0.39 ng/ul  
 RT: 22.975 min Scan# 5815  
 Delta R.T. 0.002 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

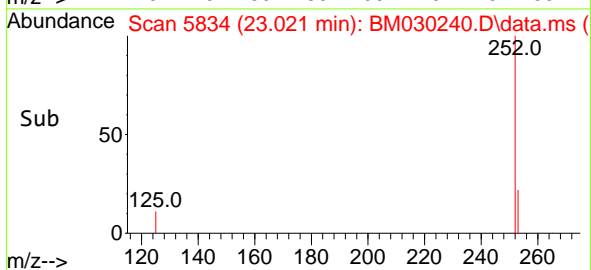
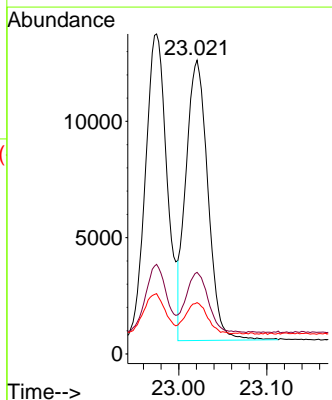
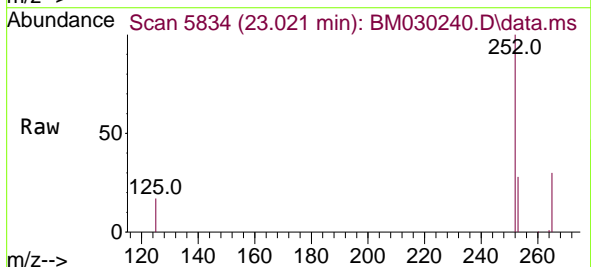
Instrument :  
 BNA\_M  
 ClientSampled :  
 SLCS659

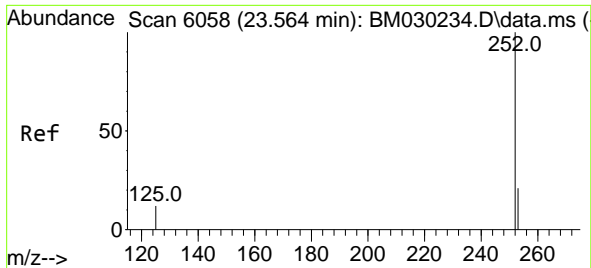
Tgt Ion	Resp	Lower	Upper
252	100		
253	28.0	0.0	57.4
125	18.8	0.0	38.0



#25  
 Benzo(k)fluoranthene  
 Concen: 0.37 ng/ul  
 RT: 23.021 min Scan# 5834  
 Delta R.T. 0.002 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion	Resp	Lower	Upper
252	100		
253	27.8	23.0	34.6
125	17.5	14.8	22.2

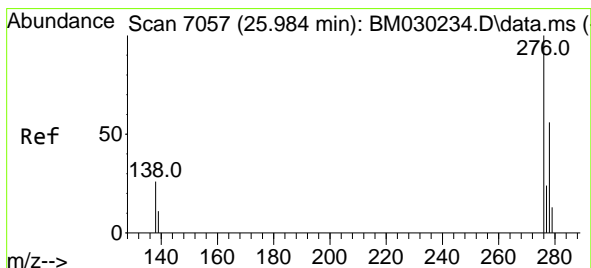
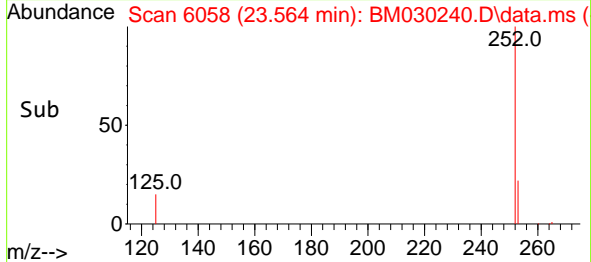
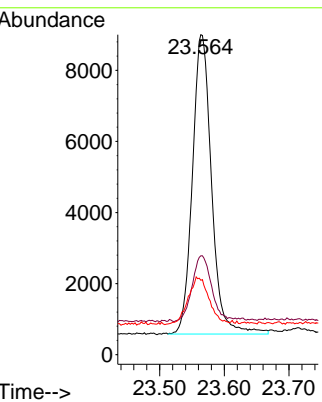
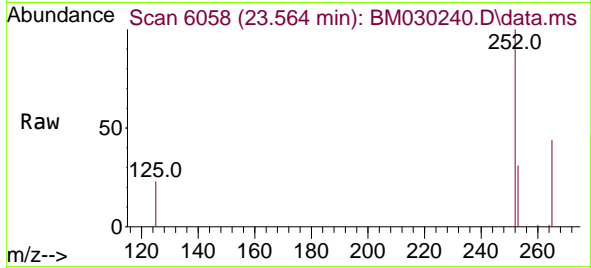




#26  
 Benzo(a)pyrene  
 Concen: 0.36 ng/u1  
 RT: 23.564 min Scan# 6058  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

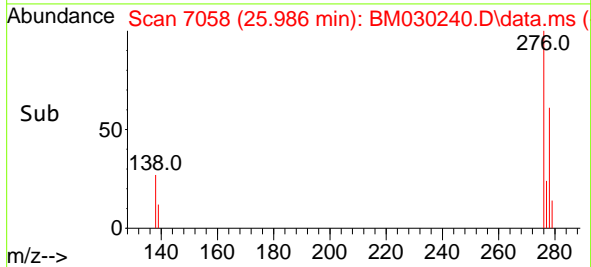
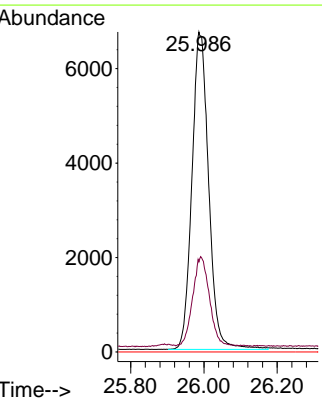
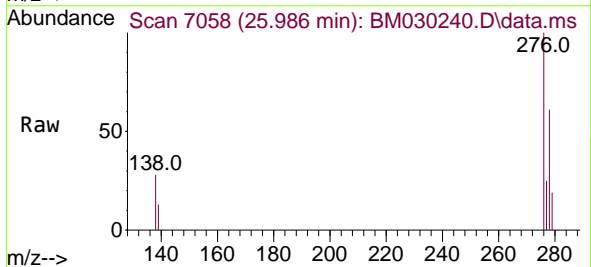
Instrument :  
 BNA\_M  
 ClientSampled :  
 SLCS659

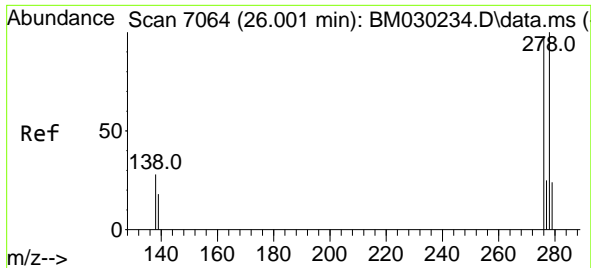
Tgt Ion	Resp	Lower	Upper
252	17343		
252	100		
253	30.9	25.3	37.9
125	23.3	17.6	26.4



#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.34 ng/u1  
 RT: 25.986 min Scan# 7058  
 Delta R.T. 0.002 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion	Resp	Lower	Upper
276	21304		
276	100		
138	28.0	22.3	33.5
227	0.0	0.0	0.0

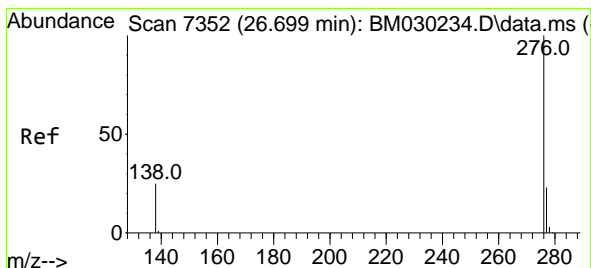
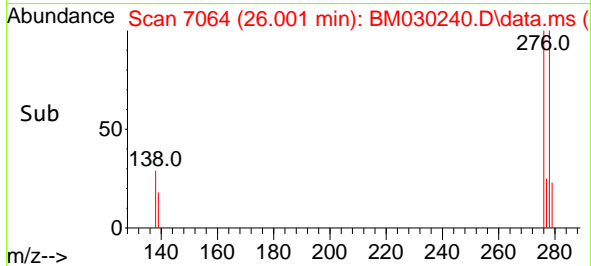
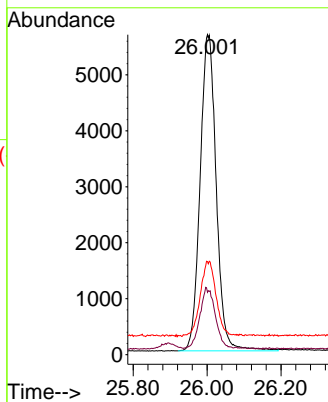
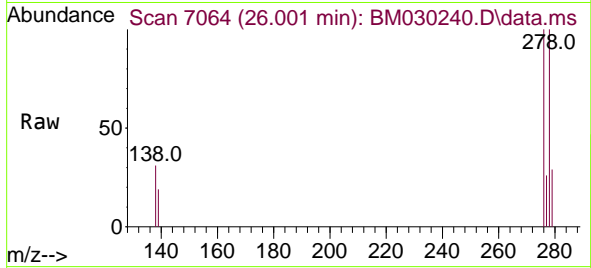




#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.34 ng/ul  
 RT: 26.001 min Scan# 7064  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Instrument :  
 BNA\_M  
 ClientSampled :  
 SLCS659

Tgt Ion	Resp	Lower	Upper
278	100		
139	19.5	15.8	23.8
279	29.1	23.2	34.8



#29  
 Benzo(g,h,i)perylene  
 Concen: 0.33 ng/ul  
 RT: 26.699 min Scan# 7352  
 Delta R.T. -0.000 min  
 Lab File: BM030240.D  
 Acq: 01 Jun 2021 16:42

Tgt Ion	Resp	Lower	Upper
276	100		
138	26.2	21.5	32.3
277	24.5	19.5	29.3

