

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037105.D
 Acq On : 17 Oct 2022 10:29
 Operator : CG/JU
 Sample : PB148314BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS314

Quant Time: Oct 17 23:53:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

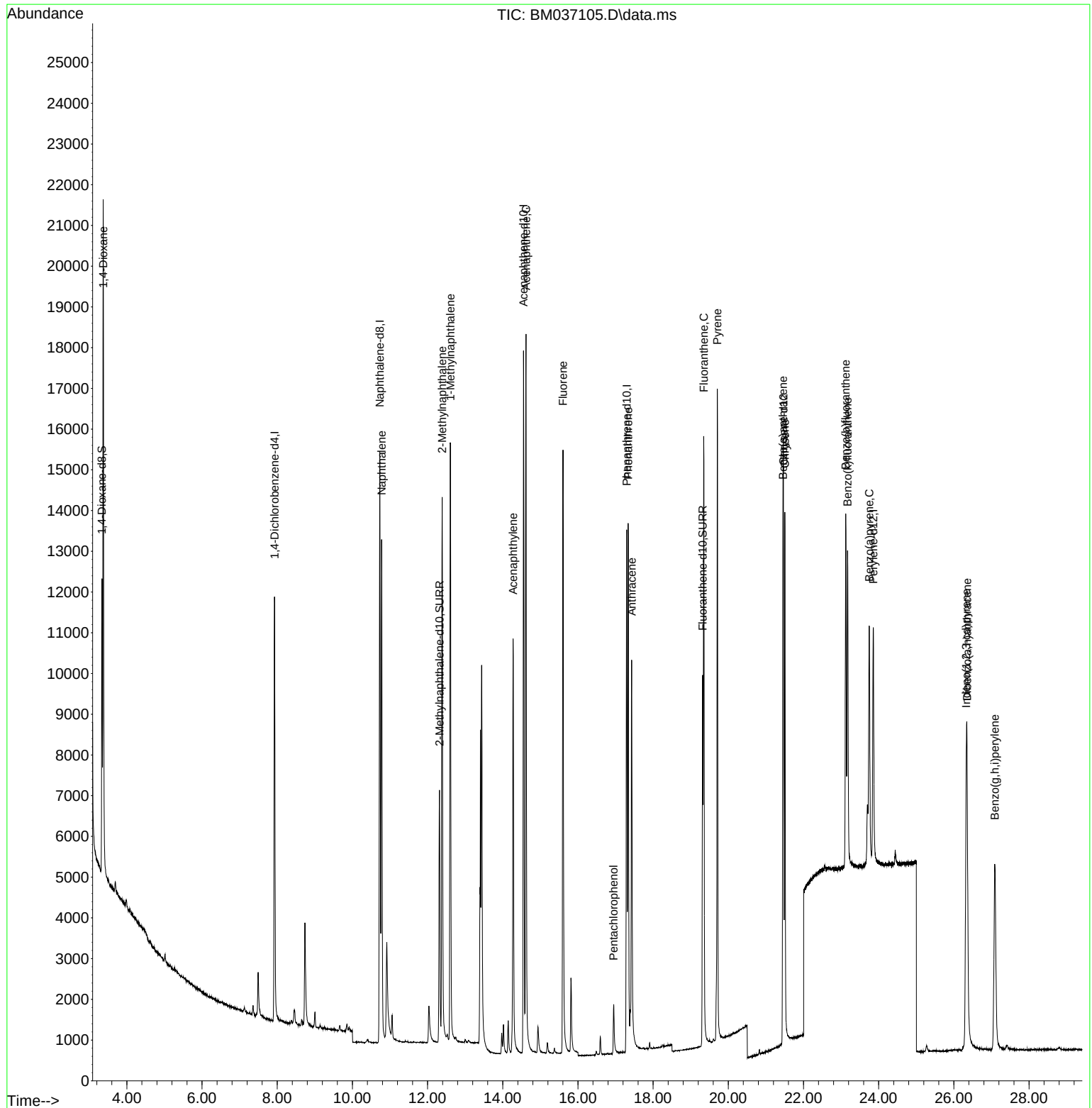
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5779	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	20583	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	10104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	16109	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	10066	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	8418	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	4662	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9039	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	10336	0.343	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.374	88	10933	1.372	ng/ul#	79
5) Naphthalene	10.776	128	17290	0.294	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	10455	0.290	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	10954	0.300	ng/ul	100
10) Acenaphthylene	14.275	152	12866	0.306	ng/ul	99
11) Acenaphthene	14.617	153	10739	0.295	ng/ul	99
12) Fluorene	15.602	166	10879	0.263	ng/ul	100
14) Pentachlorophenol	16.950	266	1099	0.282	ng/ul	99
15) Phenanthrene	17.335	178	14724	0.286	ng/ul	99
16) Anthracene	17.427	178	12127	0.282	ng/ul	99
19) Fluoranthene	19.345	202	13244	0.331	ng/ul	98
20) Pyrene	19.708	202	13518	0.324	ng/ul	97
21) Benzo(a)anthracene	21.450	228	10625	0.292	ng/ul	100
22) Chrysene	21.503	228	11393	0.292	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	11191	0.298	ng/ul	94
25) Benzo(k)fluoranthene	23.172	252	10711	0.292	ng/ul	95
26) Benzo(a)pyrene	23.748	252	9312	0.305	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.330	276	11950	0.276	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.350	278	9040	0.259	ng/ul	96
29) Benzo(g,h,i)perylene	27.088	276	10708	0.281	ng/ul	98

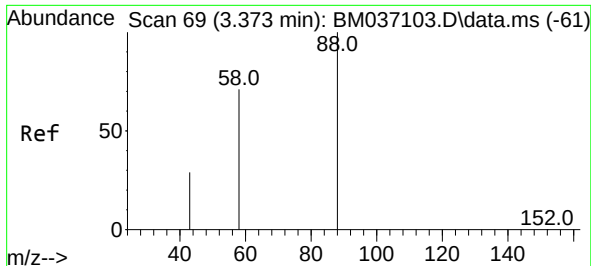
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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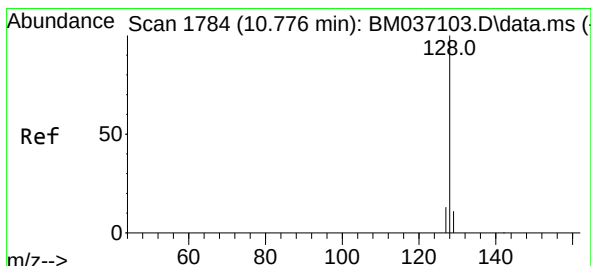
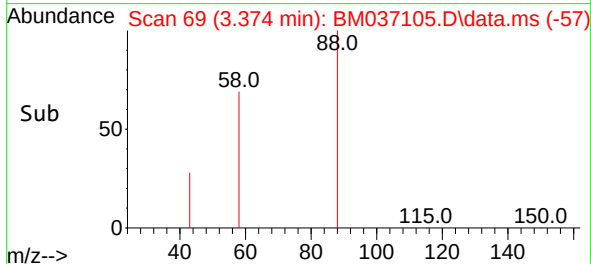
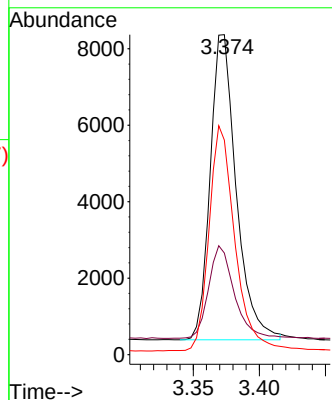
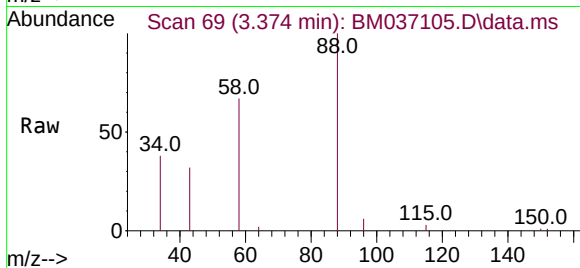




#2
 1,4-Dioxane
 Concen: 1.372 ng/ul
 RT: 3.374 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BM037105.D
 Acq: 17 Oct 2022 10:29

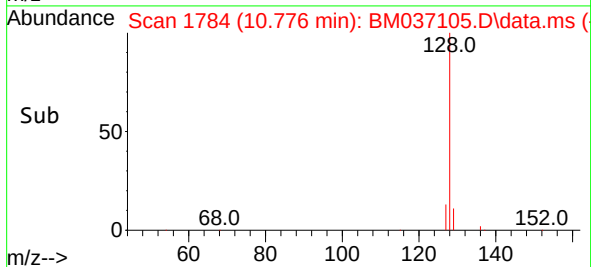
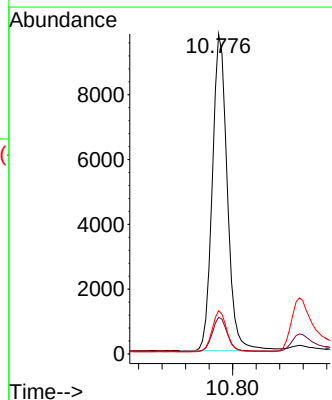
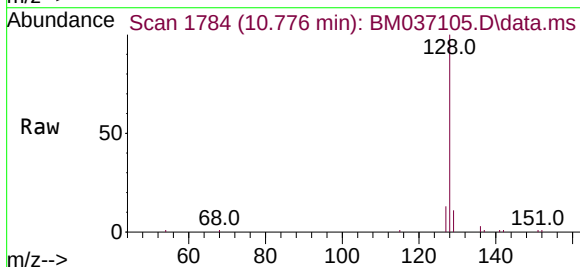
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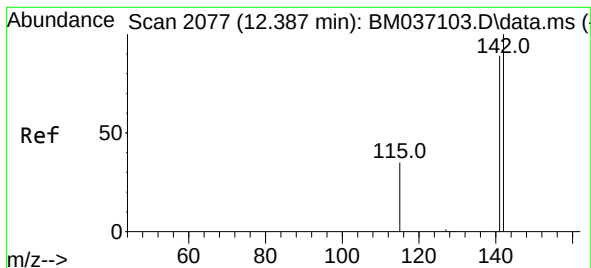
Tgt Ion: 88 Resp: 10933
 Ion Ratio Lower Upper
 88 100
 43 31.7 37.8 56.6#
 58 67.0 42.6 63.8#



#5
 Naphthalene
 Concen: 0.294 ng/ul
 RT: 10.776 min Scan# 1784
 Delta R.T. -0.005 min
 Lab File: BM037105.D
 Acq: 17 Oct 2022 10:29

Tgt Ion: 128 Resp: 17290
 Ion Ratio Lower Upper
 128 100
 129 11.4 10.2 15.2
 127 13.5 11.7 17.5

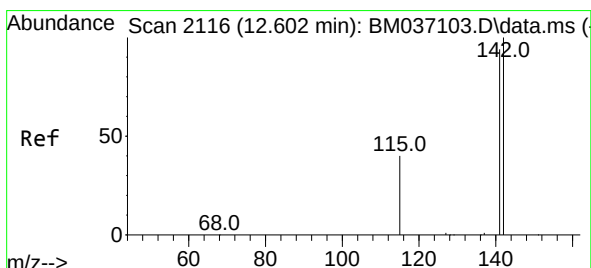
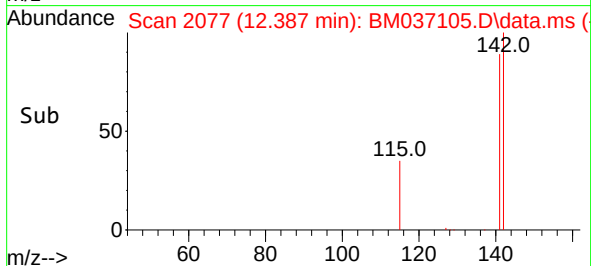
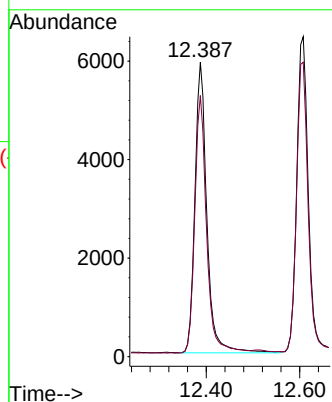
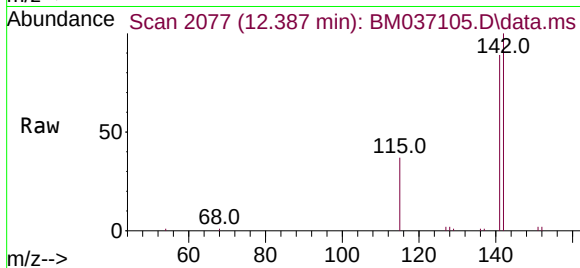




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

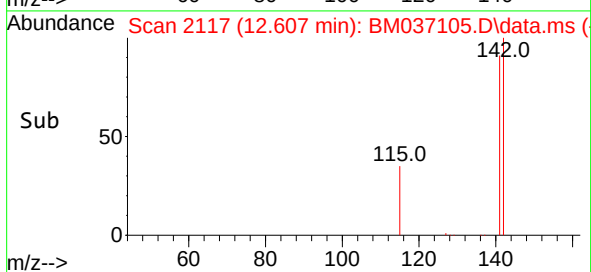
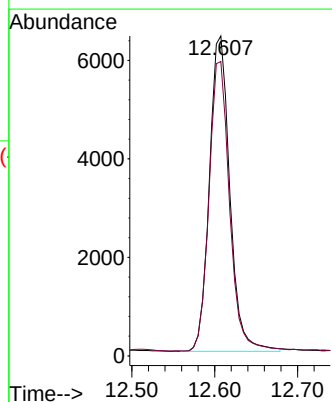
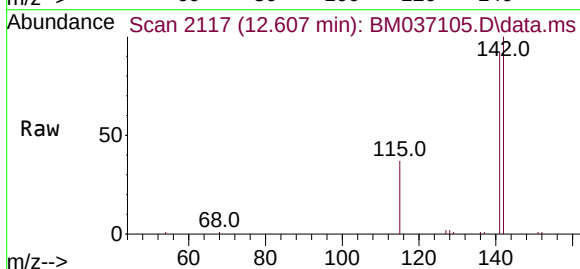
Instrument :
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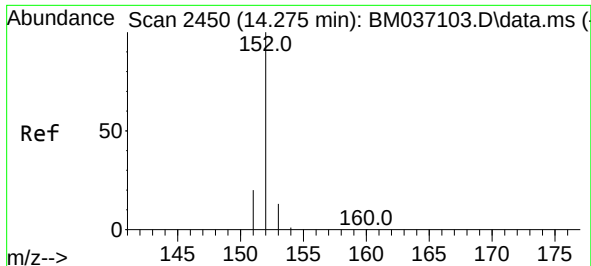
Tgt Ion:142 Resp: 10455
Ion Ratio Lower Upper
142 100
141 87.9 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:142 Resp: 10954
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

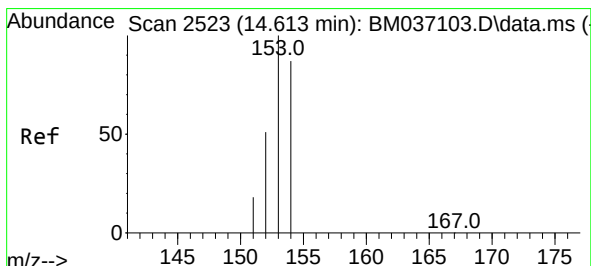
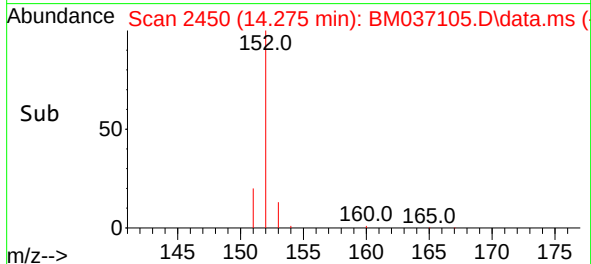
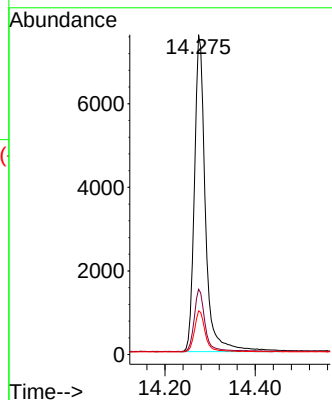
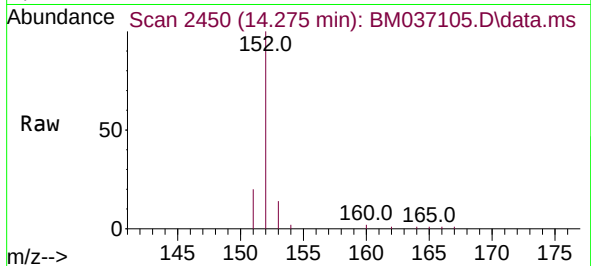




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

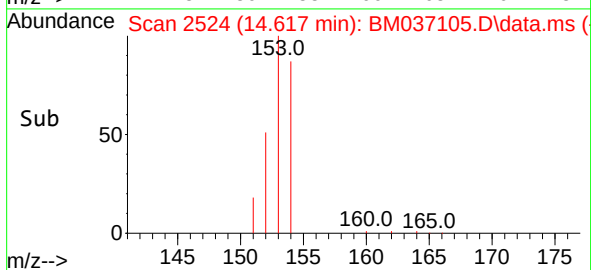
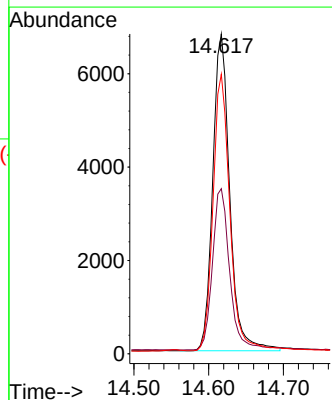
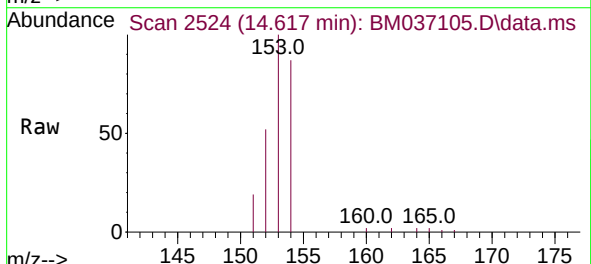
Instrument :
BNA_M
ClientSampleId :
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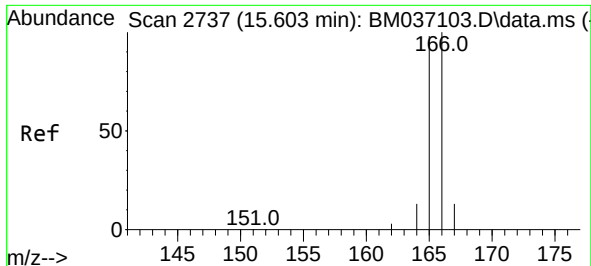
Tgt Ion:152 Resp: 12866
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:153 Resp: 10739
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 87.4 69.7 104.5

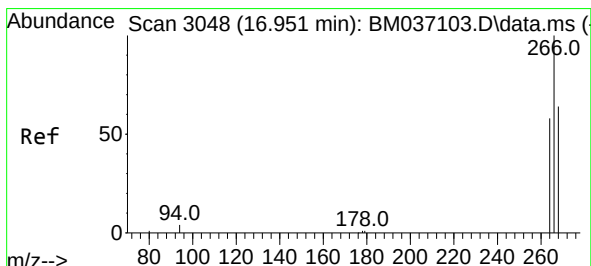
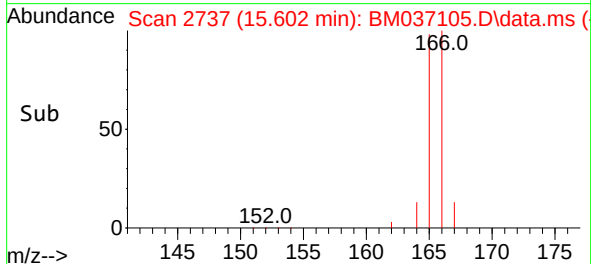
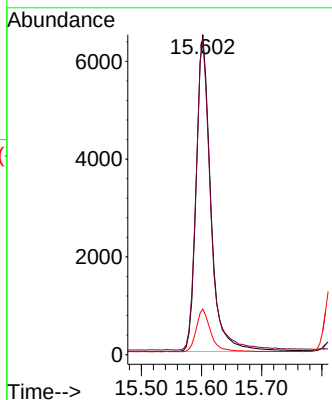
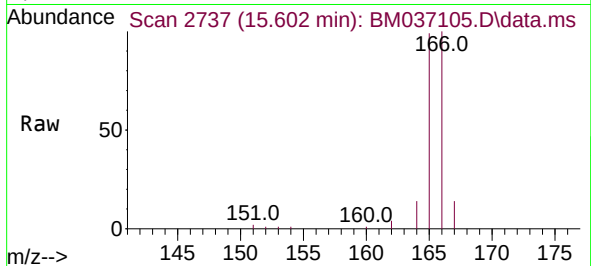




#12
 Fluorene
 Concen: 0.263 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037105.D
 Acq: 17 Oct 2022 10:29

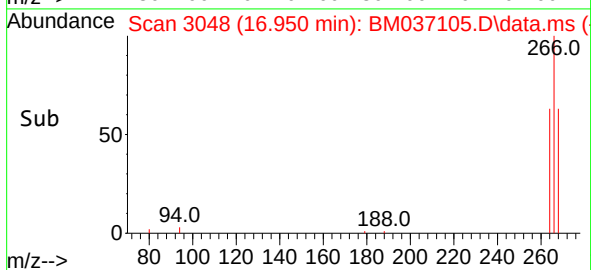
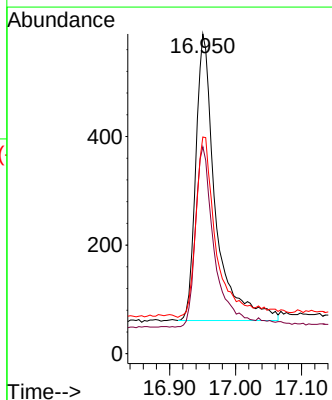
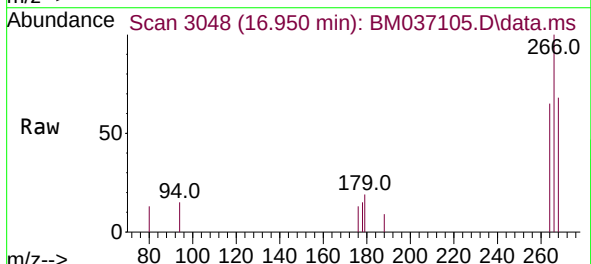
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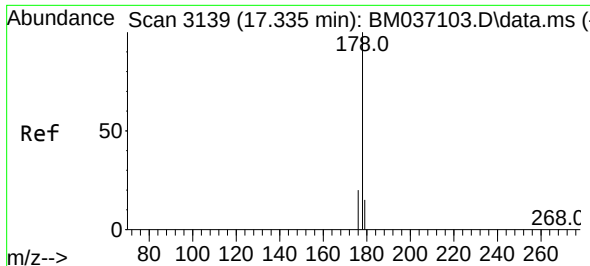
Tgt Ion:166 Resp: 10879
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.9 118.3
 167 14.2 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.282 ng/ul
 RT: 16.950 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: BM037105.D
 Acq: 17 Oct 2022 10:29

Tgt Ion:266 Resp: 1099
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.3 75.5
 268 66.1 53.5 80.3

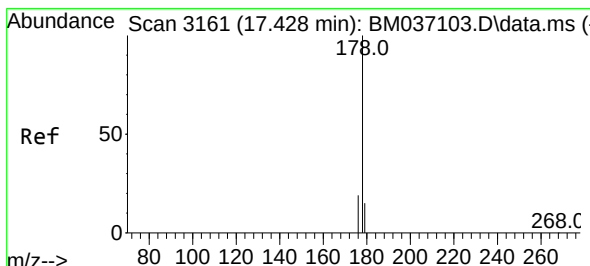
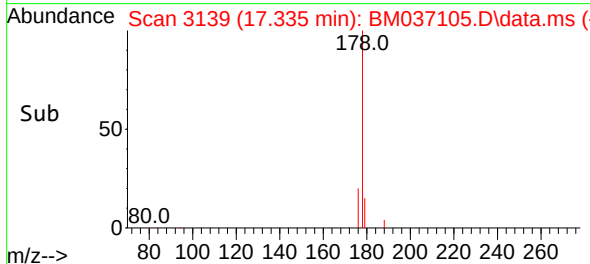
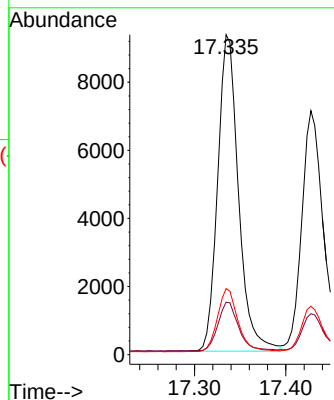
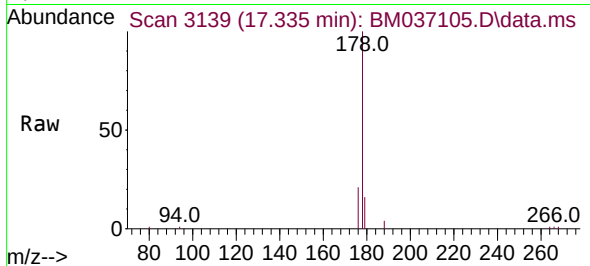




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

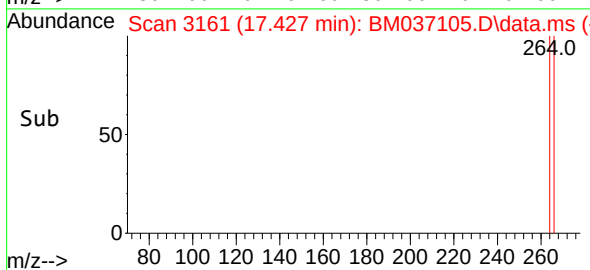
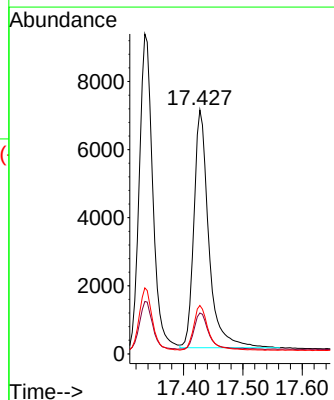
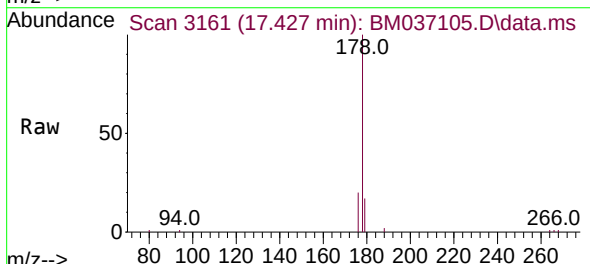
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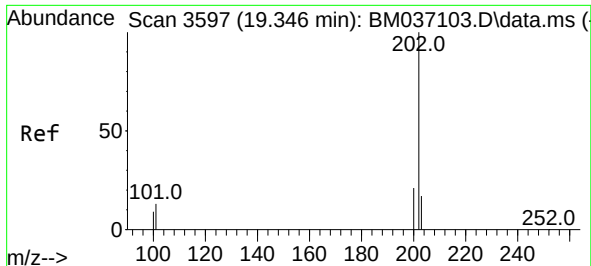
Tgt Ion:	178	Resp:	14724
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.6
176	20.6	15.6	23.4



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:	178	Resp:	12127
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.6	20.4
176	19.9	15.6	23.4

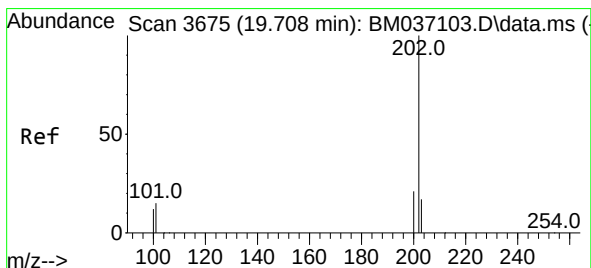
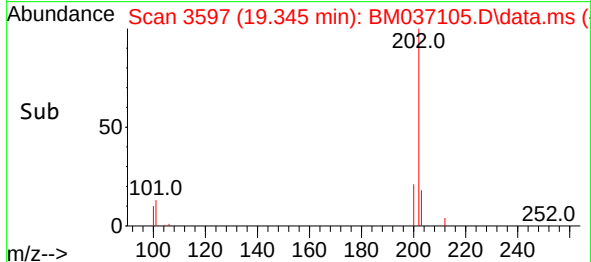
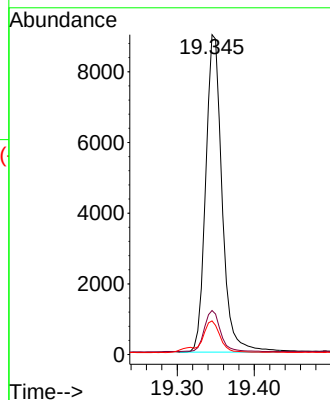
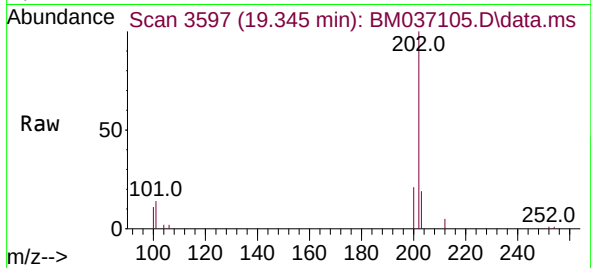




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.345 min Scan# 3597
Delta R.T. -0.004 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

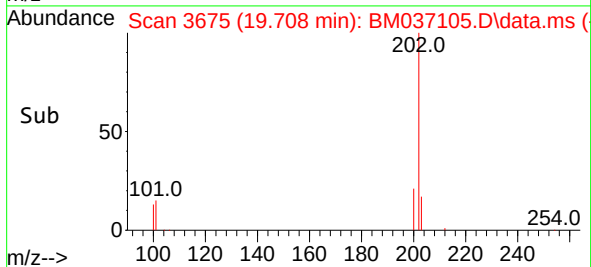
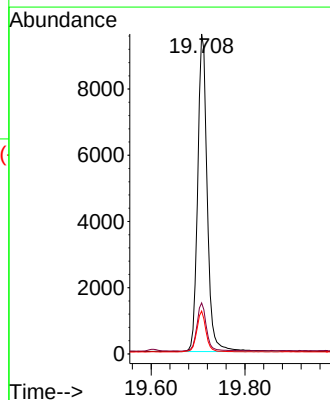
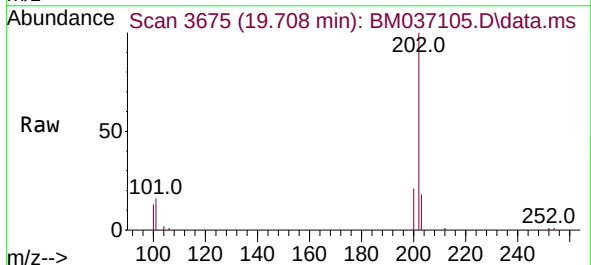
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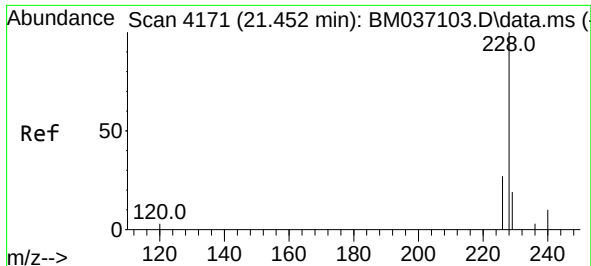
Tgt Ion:	202	Resp:	13244
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.1	15.1
100	10.5	7.9	11.9



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:	202	Resp:	13518
Ion Ratio	Lower	Upper	
202	100		
101	16.0	12.0	18.0
100	13.4	9.8	14.6

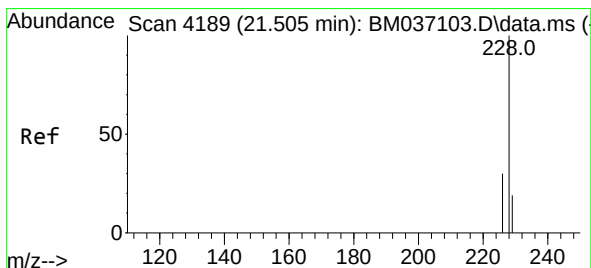
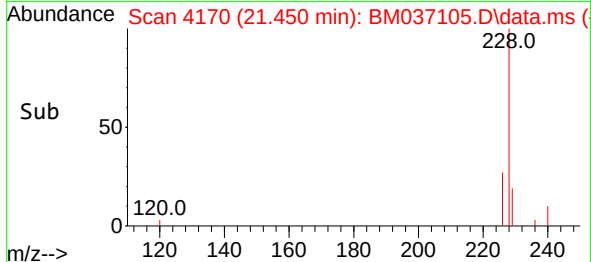
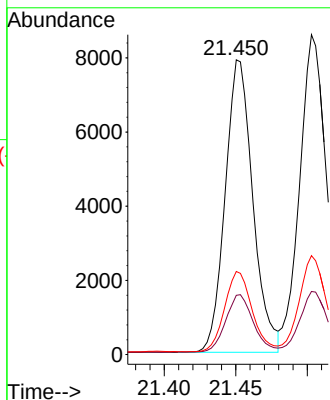
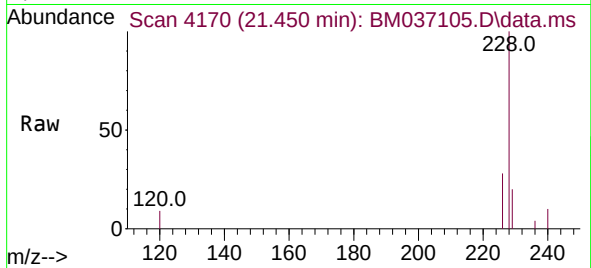




#21
Benzo(a)anthracene
Concen: 0.292 ng/ul
RT: 21.450 min Scan# 4171
Delta R.T. 0.000 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

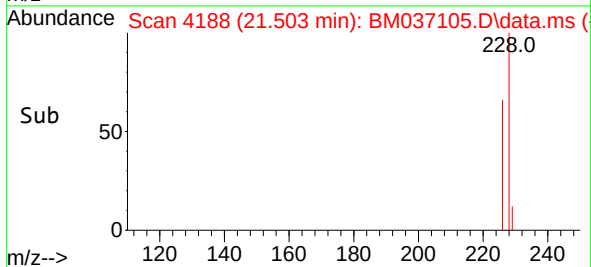
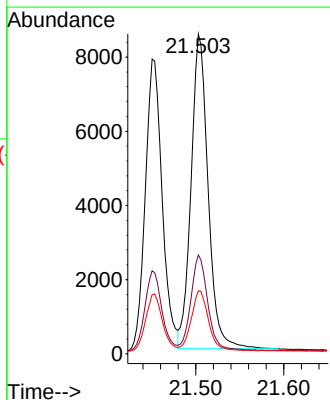
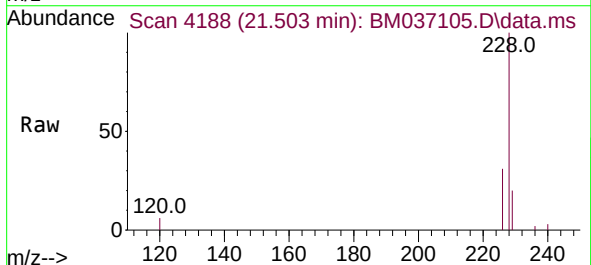
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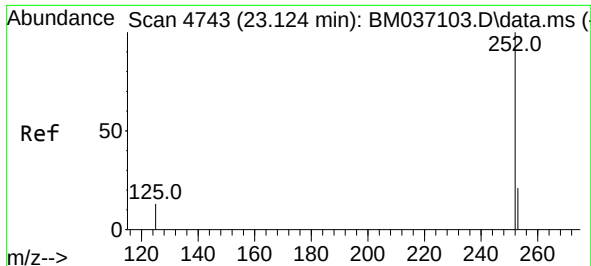
Tgt Ion:228 Resp: 10625
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.292 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:228 Resp: 11393
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.7 16.4 24.6

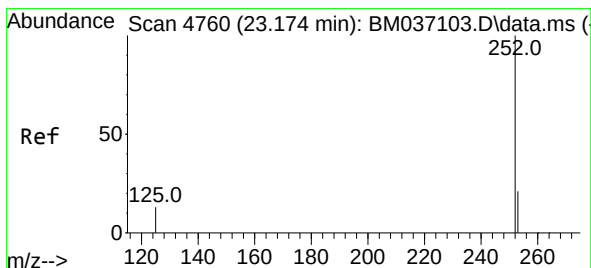
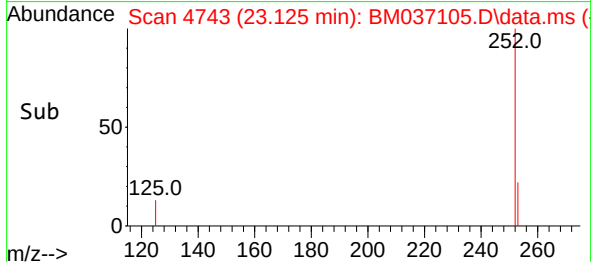
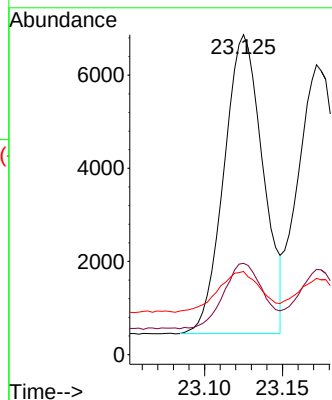
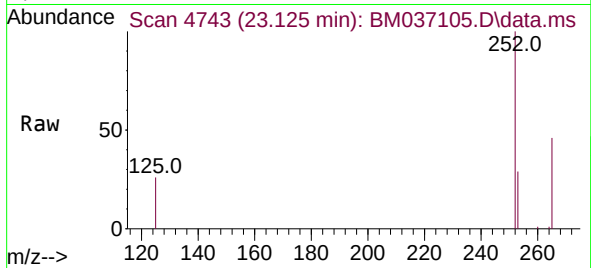




#24
Benzo(b)fluoranthene
Concen: 0.298 ng/ul
RT: 23.125 min Scan# 4743
Delta R.T. 0.003 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

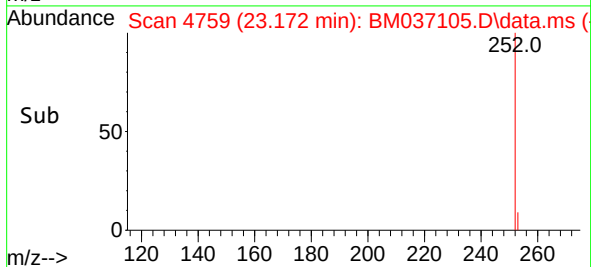
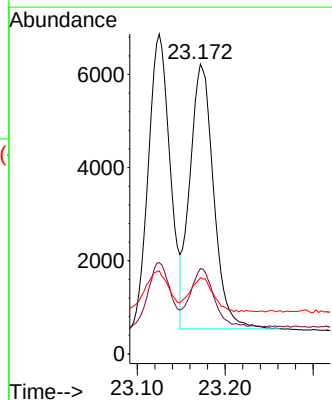
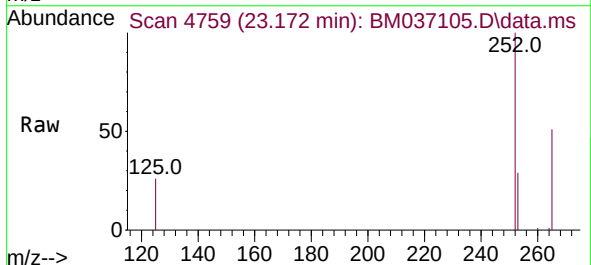
Instrument :
BNA_M
ClientSampleId :
SLCS314

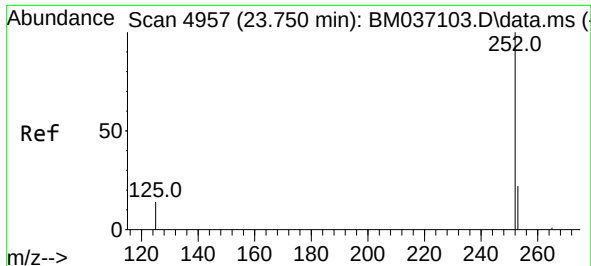
Tgt Ion:252	Resp:	11191
Ion Ratio	Lower	Upper
252	100	
253	28.5	0.0 61.4
125	26.0	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul
RT: 23.172 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:252	Resp:	10711
Ion Ratio	Lower	Upper
252	100	
253	29.4	25.2 37.8
125	26.3	18.3 27.5

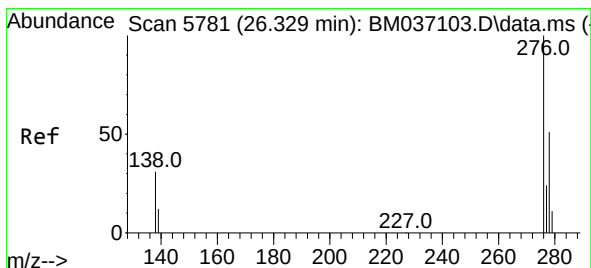
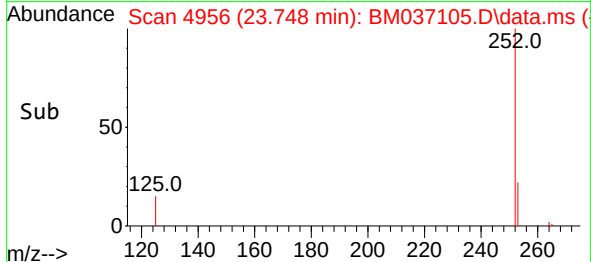
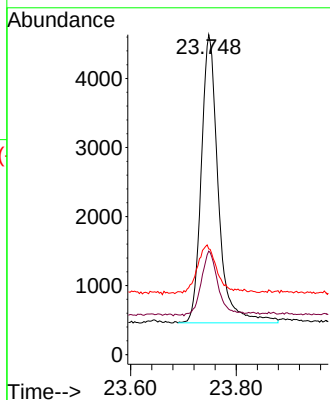
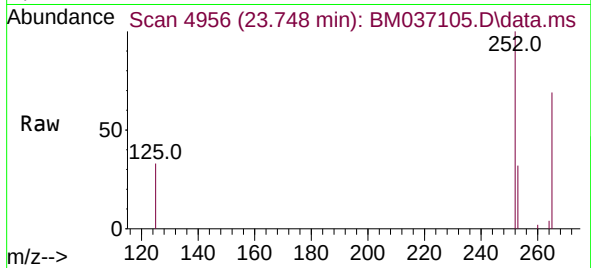




#26
Benzo(a)pyrene
Concen: 0.305 ng/ul
RT: 23.748 min Scan# 4956
Delta R.T. 0.003 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

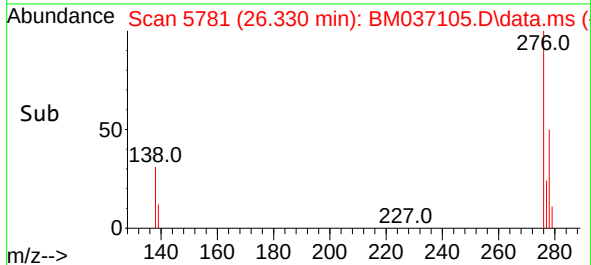
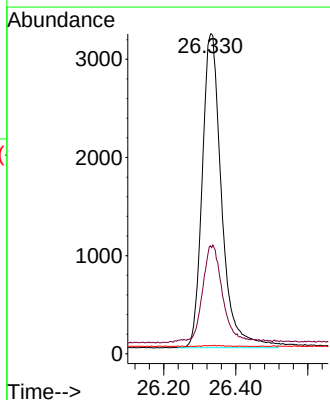
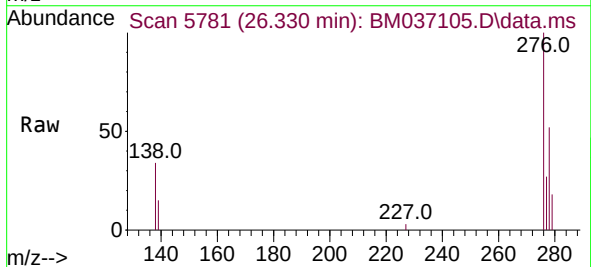
Instrument :
BNA_M
ClientSampleId :
SLCS314

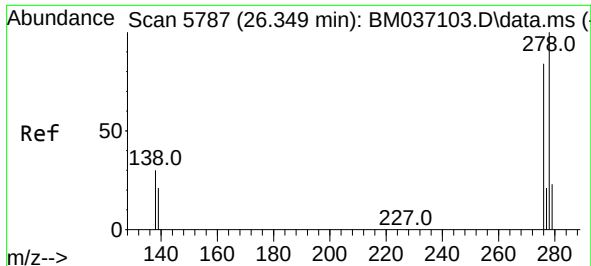
Tgt Ion:	252	Resp:	9312
Ion Ratio	Lower	Upper	
252	100		
253	32.3	29.7	44.5
125	33.0	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.004 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:	276	Resp:	11950
Ion Ratio	Lower	Upper	
276	100		
138	31.6	23.9	35.9
227	0.1	0.1	0.1

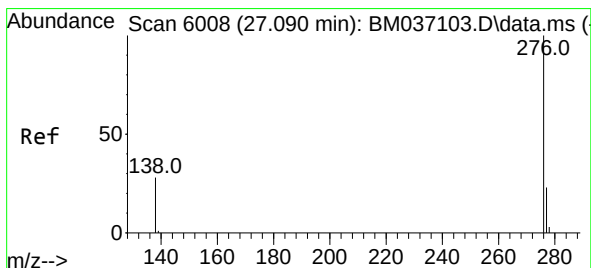
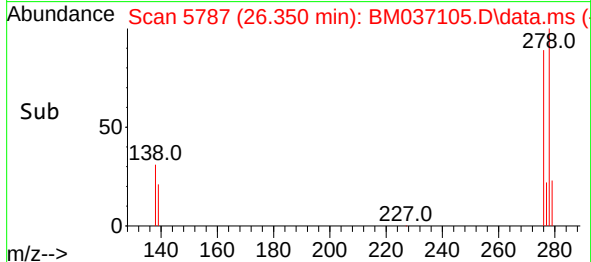
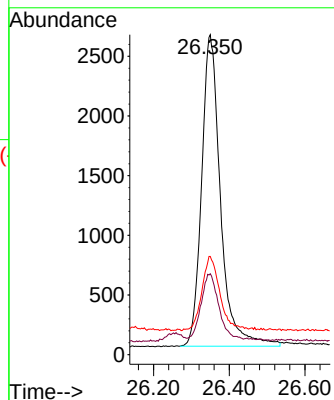
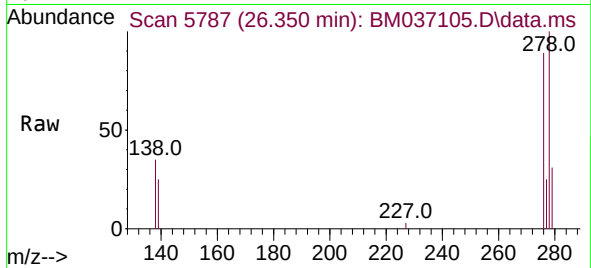




#28
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Instrument :
BNA_M
ClientSampleId :
SLCS314

Tgt Ion:278 Resp: 9040
Ion Ratio Lower Upper
278 100
139 25.3 19.8 29.6
279 30.7 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.281 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.000 min
Lab File: BM037105.D
Acq: 17 Oct 2022 10:29

Tgt Ion:276 Resp: 10708
Ion Ratio Lower Upper
276 100
138 31.3 23.4 35.0
277 26.2 21.0 31.4

