

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038547.D
 Acq On : 26 Jan 2023 13:48
 Operator : CG/JU
 Sample : PB150440BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS440

Quant Time: Jan 27 00:43:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

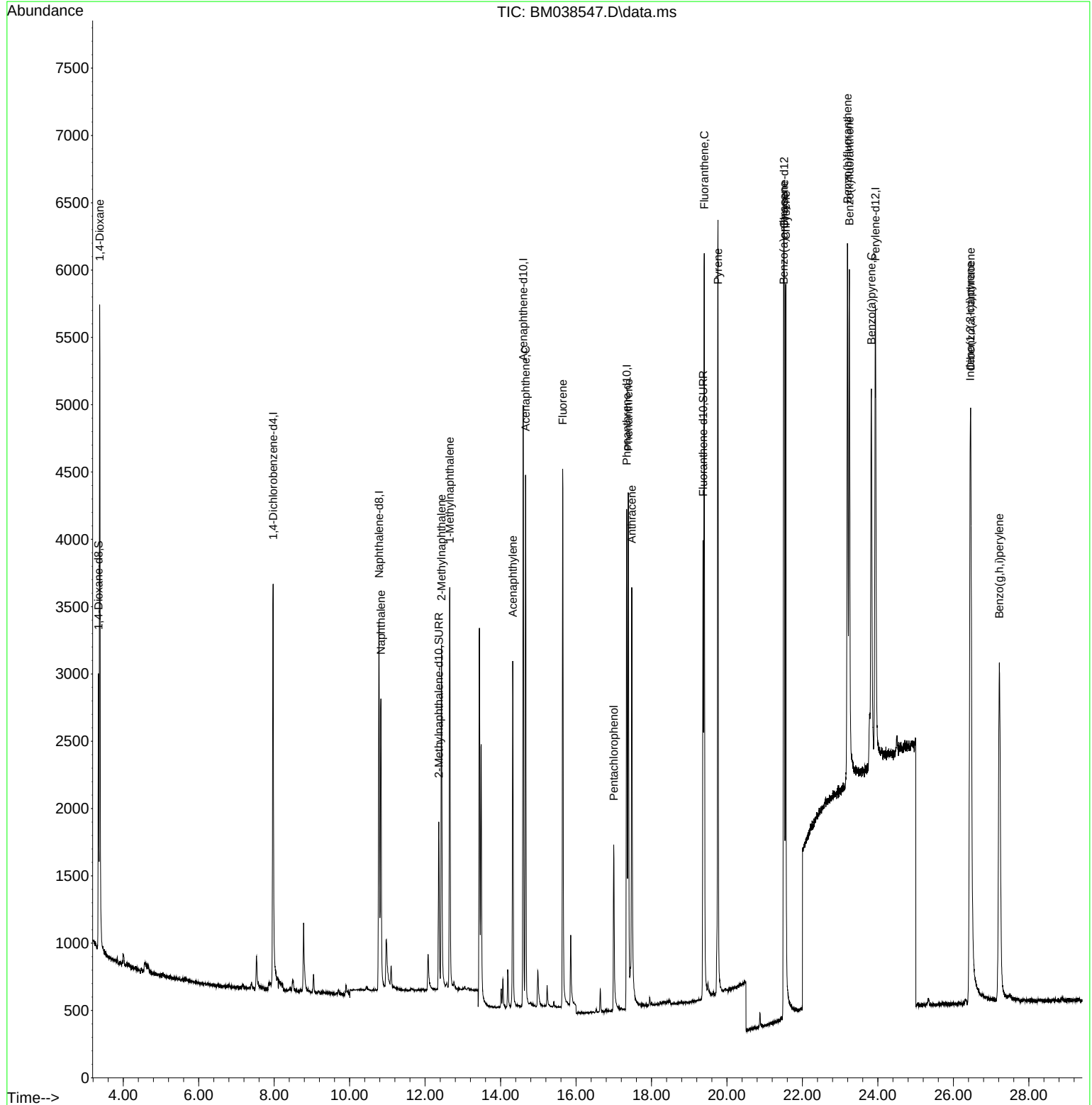
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	4044	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2458	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	5302	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	4627	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	5059	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1203	0.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1803	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	4325	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	3160	1.356	ng/ul#	23
5) Naphthalene	10.828	128	3087	0.235	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	1937	0.279	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	2052	0.286	ng/ul	100
10) Acenaphthylene	14.324	152	2974	0.274	ng/ul	97
11) Acenaphthene	14.661	153	2336	0.283	ng/ul	98
12) Fluorene	15.647	166	2727	0.264	ng/ul	99
14) Pentachlorophenol	16.999	266	997	0.462	ng/ul	98
15) Phenanthrene	17.388	178	4317	0.252	ng/ul	98
16) Anthracene	17.476	178	4013	0.275	ng/ul	99
19) Fluoranthene	19.399	202	5327	0.323	ng/ul	99
20) Pyrene	19.761	202	5593	0.315	ng/ul	99
21) Benzo(a)anthracene	21.504	228	4759	0.289	ng/ul	99
22) Chrysene	21.556	228	5018	0.304	ng/ul	100
24) Benzo(b)fluoranthene	23.196	252	5665	0.297	ng/ul	97
25) Benzo(k)fluoranthene	23.243	252	5684	0.307	ng/ul	98
26) Benzo(a)pyrene	23.827	252	5232	0.306	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.448	276	7353	0.305	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.461	278	5879	0.307	ng/ul	95
29) Benzo(g,h,i)perylene	27.219	276	6633	0.318	ng/ul	98

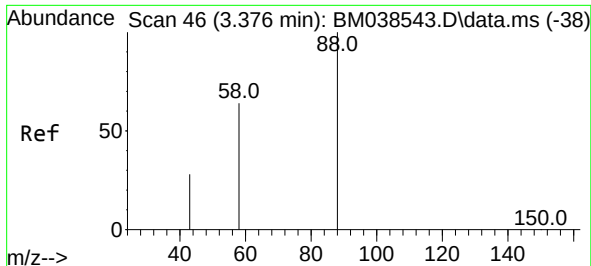
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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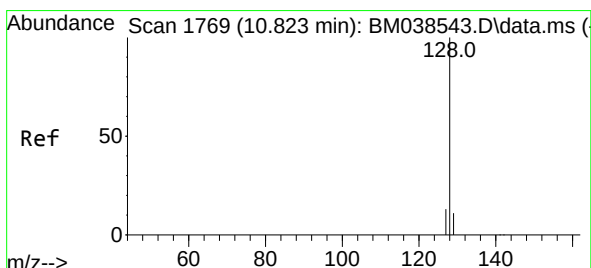
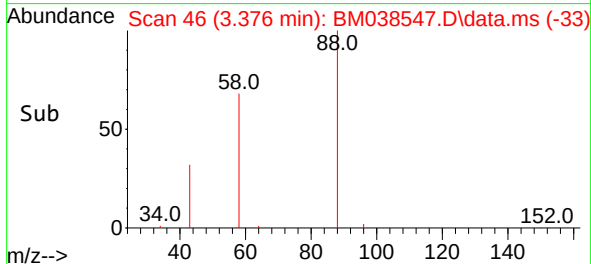
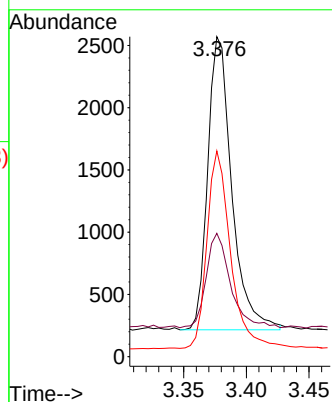
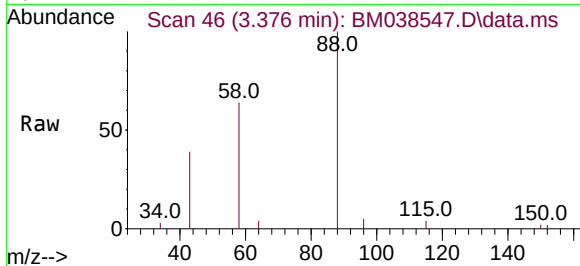




#2
 1,4-Dioxane
 Concen: 1.356 ng/ul
 RT: 3.376 min Scan# 46
 Delta R.T. -0.004 min
 Lab File: BM038547.D
 Acq: 26 Jan 2023 13:48

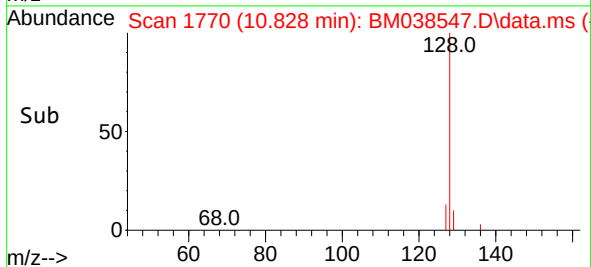
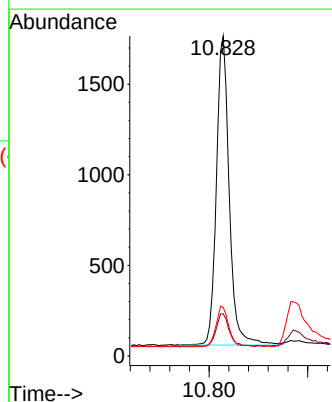
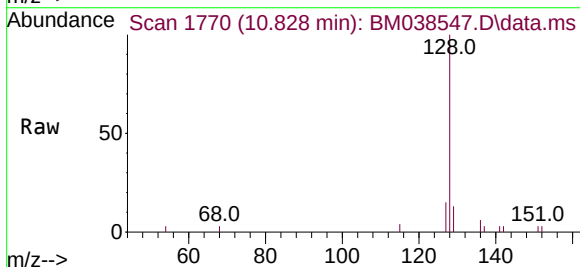
Instrument :
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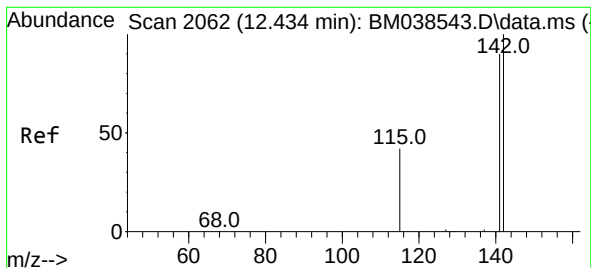
Tgt Ion: 88 Resp: 3160
 Ion Ratio Lower Upper
 88 100
 43 38.5 141.3 211.9#
 58 64.3 45.7 68.5



#5
 Naphthalene
 Concen: 0.235 ng/ul
 RT: 10.828 min Scan# 1770
 Delta R.T. -0.001 min
 Lab File: BM038547.D
 Acq: 26 Jan 2023 13:48

Tgt Ion: 128 Resp: 3087
 Ion Ratio Lower Upper
 128 100
 129 13.1 10.3 15.5
 127 15.1 11.9 17.9

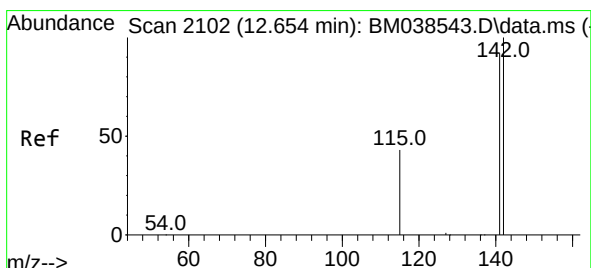
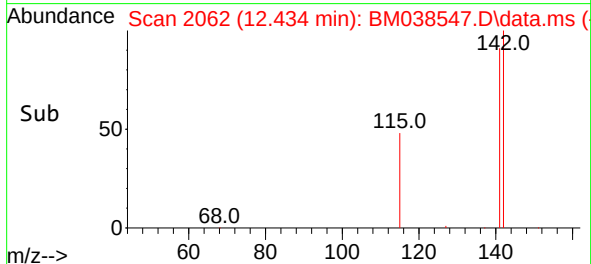
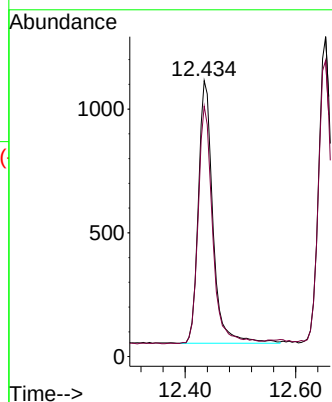
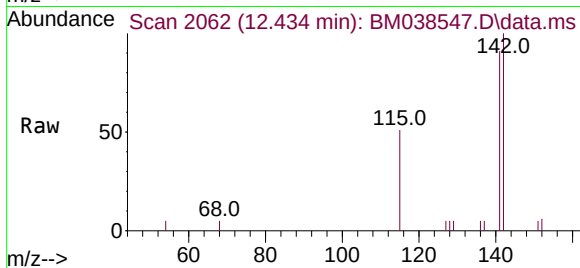




#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

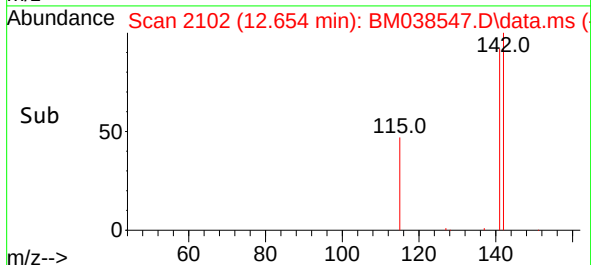
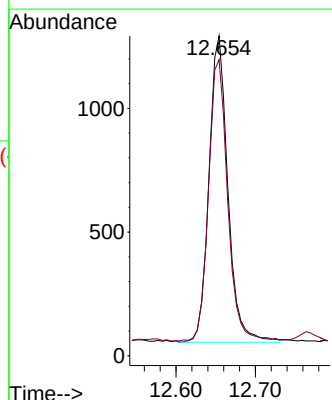
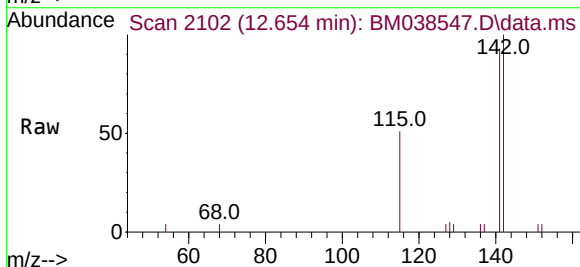
Instrument :
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ClientSampleId :
SLCS440

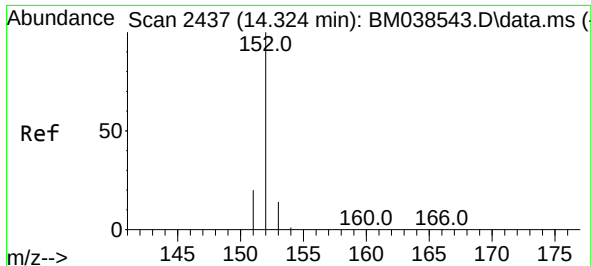
Tgt Ion:142 Resp: 1937
Ion Ratio Lower Upper
142 100
141 89.8 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:142 Resp: 2052
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0

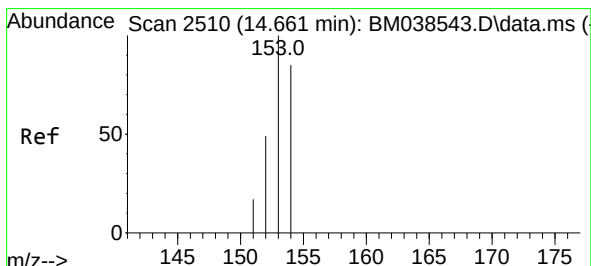
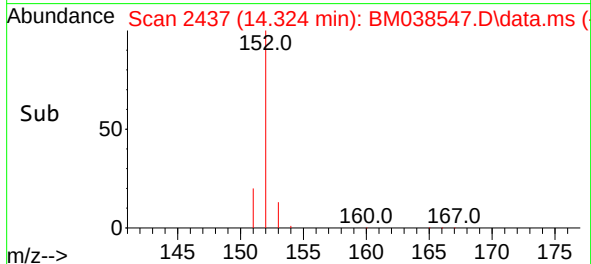
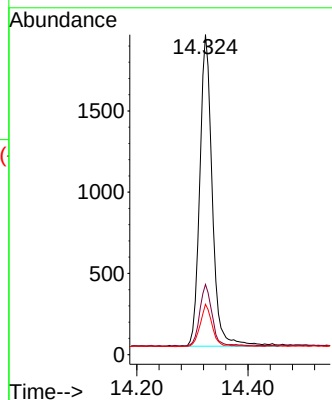
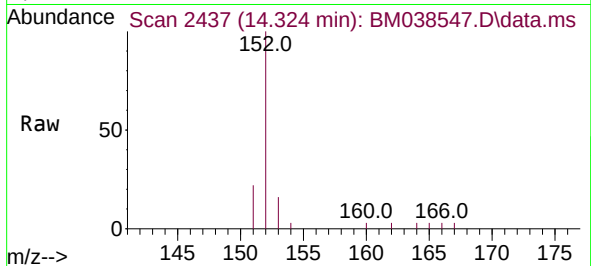




#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

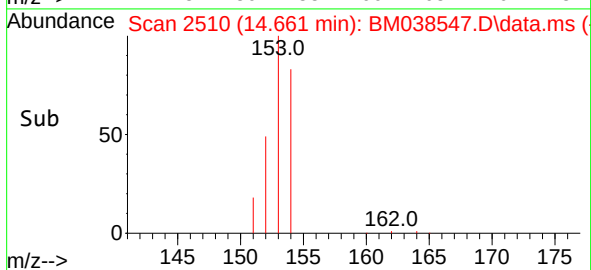
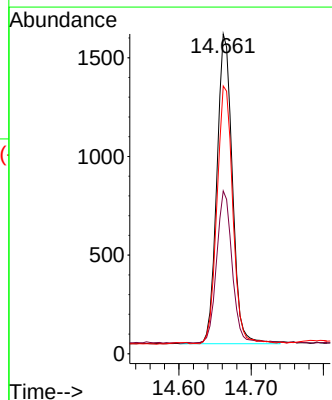
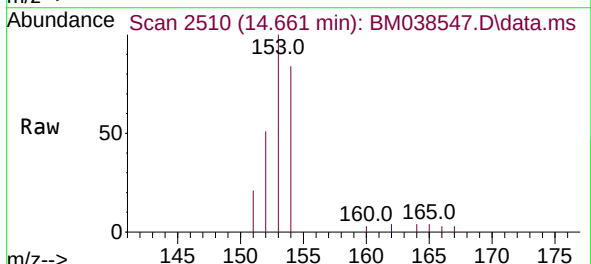
Instrument :
BNA_M
ClientSampleId :
SLCS440

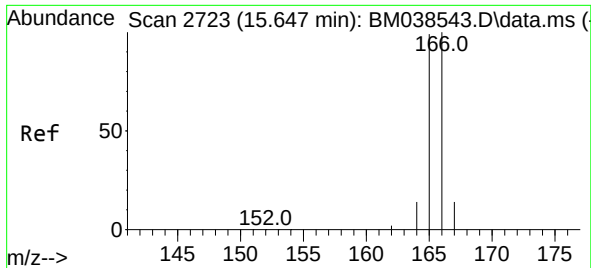
Tgt Ion:	152	Resp:	2974
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.3	24.5
153	15.7	11.8	17.6



#11
Acenaphthene
Concen: 0.283 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:	153	Resp:	2336
Ion Ratio	Lower	Upper	
153	100		
152	50.9	40.1	60.1
154	83.7	68.4	102.6

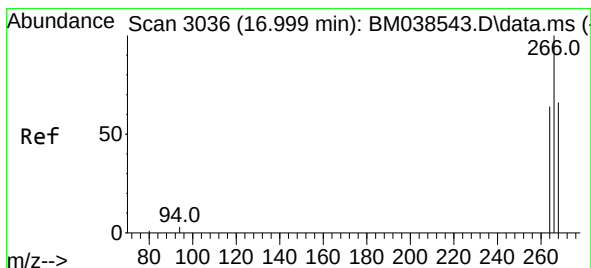
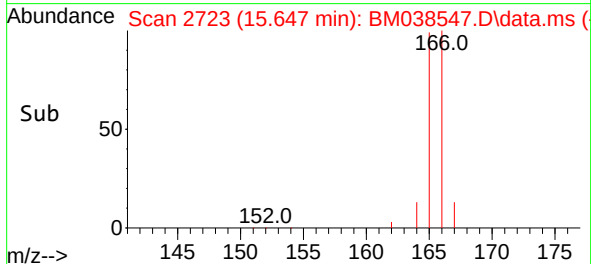
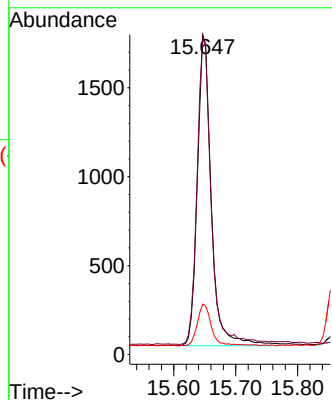
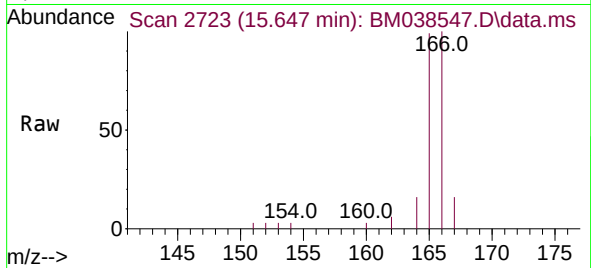




#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

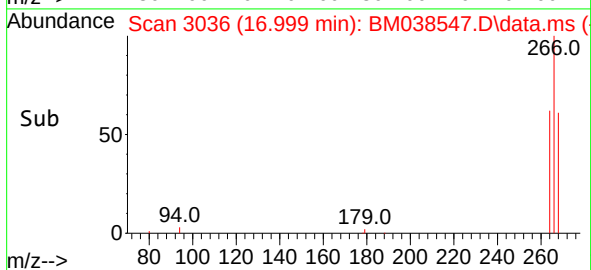
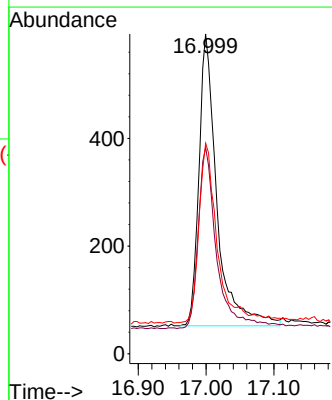
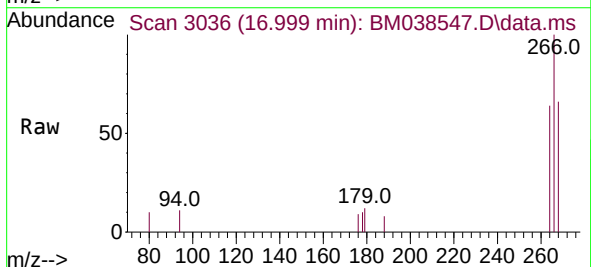
Instrument :
BNA_M
ClientSampleId :
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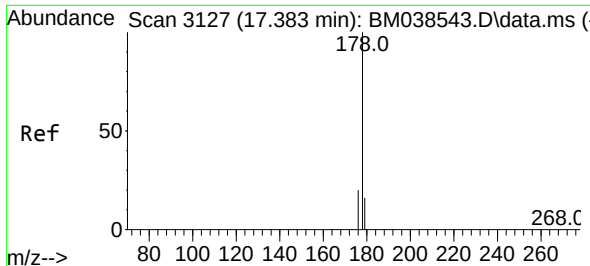
Tgt Ion:	166	Resp:	2727
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.3	118.9
167	15.8	11.9	17.9



#14
Pentachlorophenol
Concen: 0.462 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:	266	Resp:	997
Ion Ratio	Lower	Upper	
266	100		
264	63.8	49.4	74.2
268	64.0	51.7	77.5

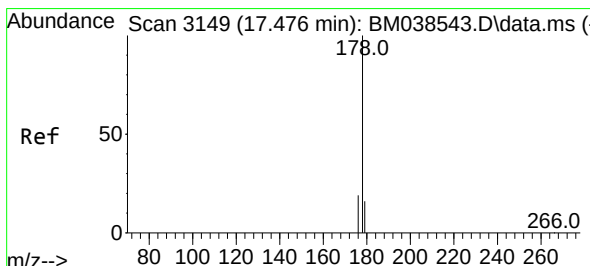
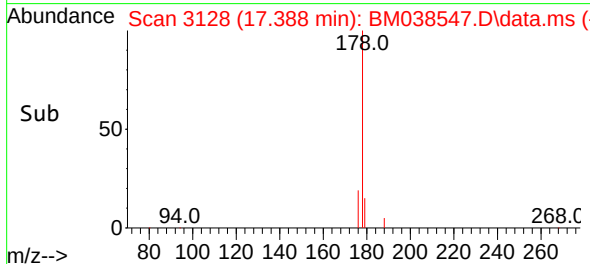
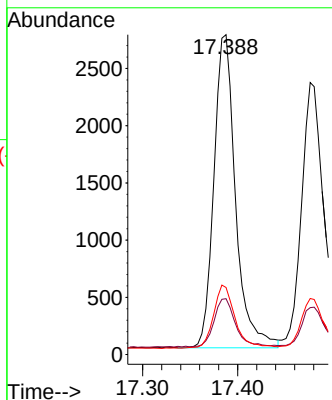
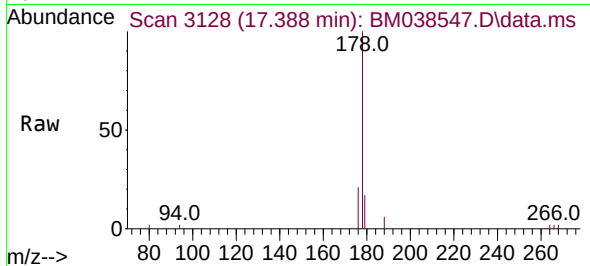




#15
Phenanthrene
Concen: 0.252 ng/ul
RT: 17.388 min Scan# 3127
Delta R.T. 0.004 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

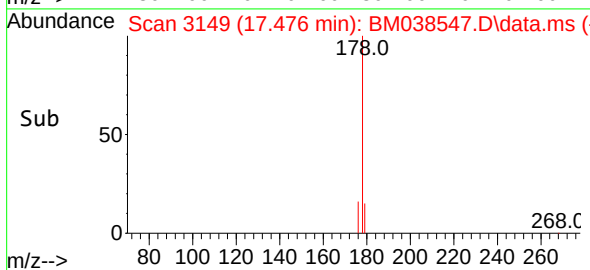
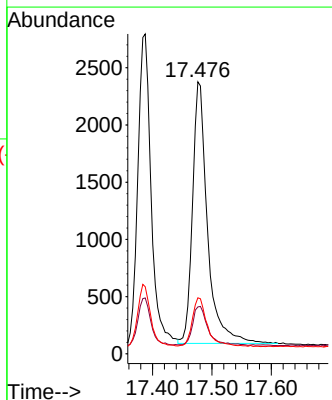
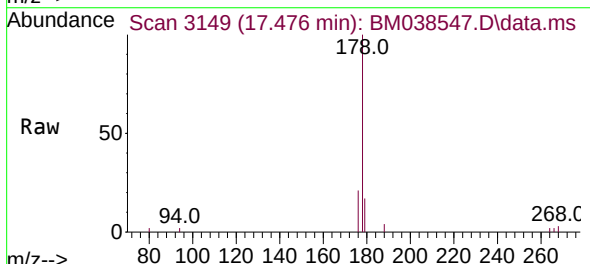
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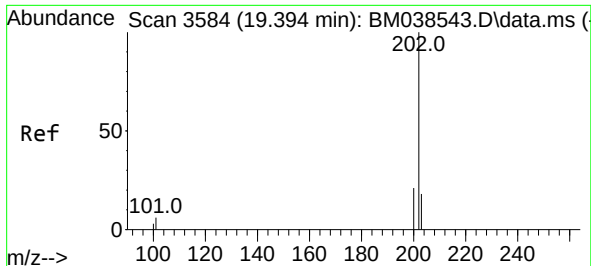
Tgt Ion:178 Resp: 4317
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.4
176 21.0 16.4 24.6



#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:178 Resp: 4013
Ion Ratio Lower Upper
178 100
179 17.2 13.2 19.8
176 20.6 16.2 24.4

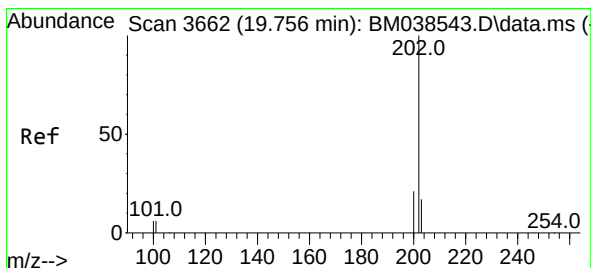
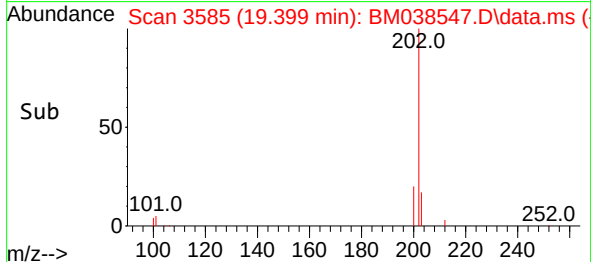
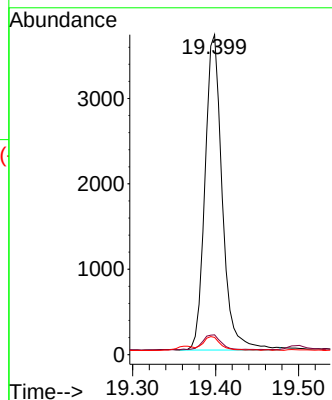
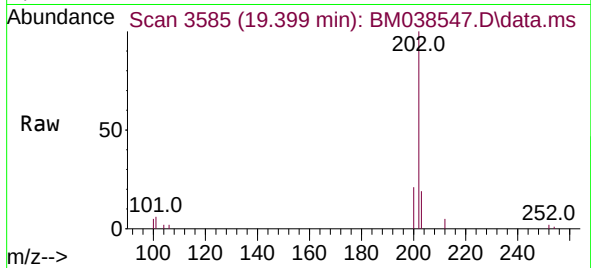




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

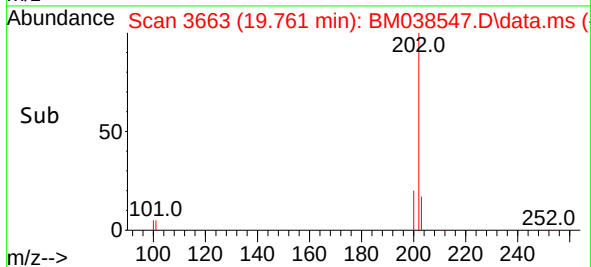
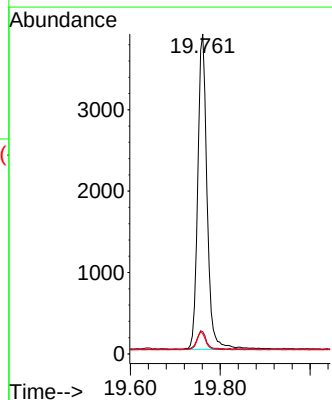
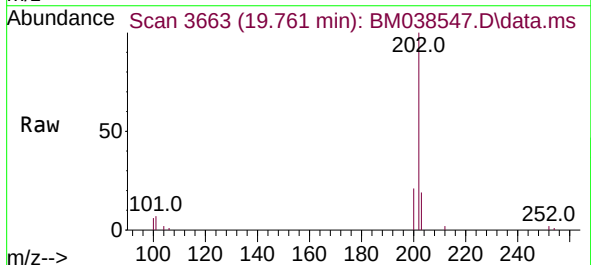
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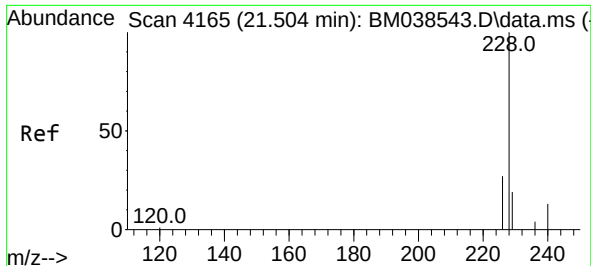
Tgt Ion:202 Resp: 5327
Ion Ratio Lower Upper
202 100
101 6.2 5.3 7.9
100 5.4 4.2 6.2



#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:202 Resp: 5593
Ion Ratio Lower Upper
202 100
101 6.9 5.9 8.9
100 6.3 5.2 7.8

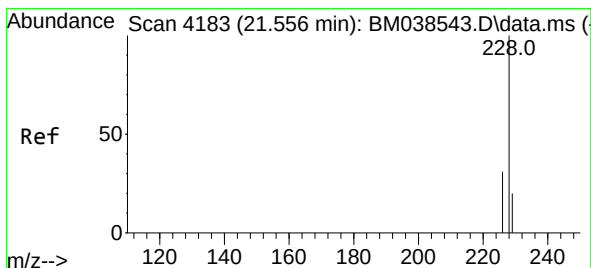
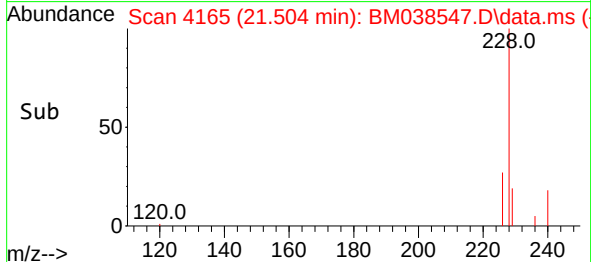
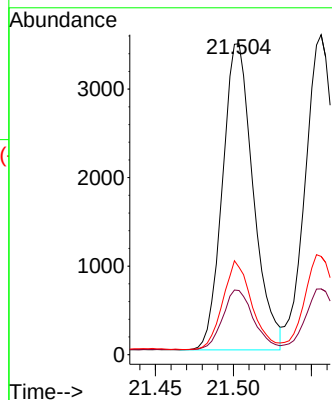
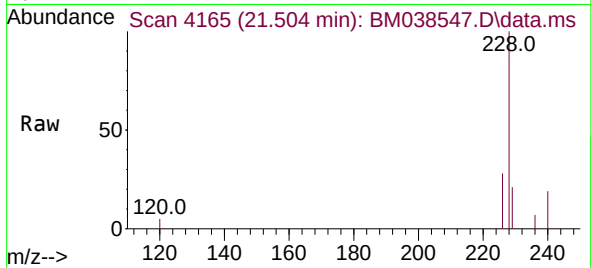




#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

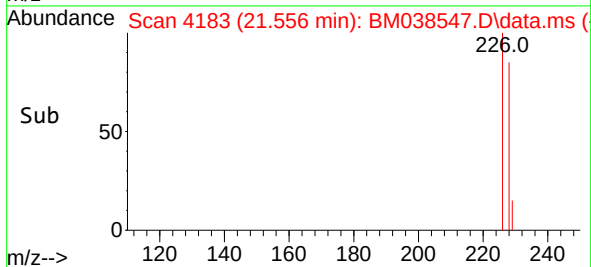
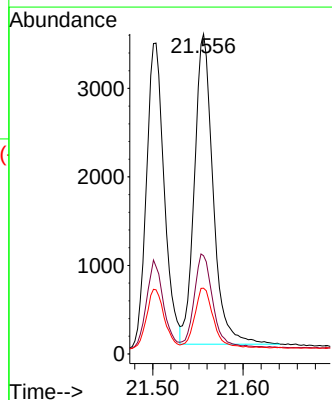
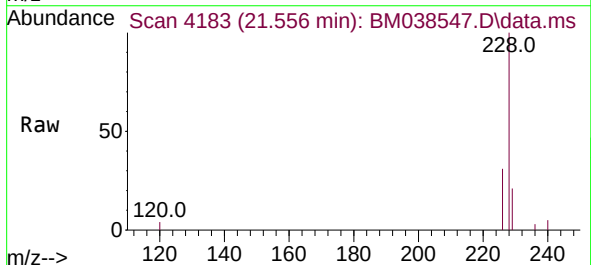
Instrument :
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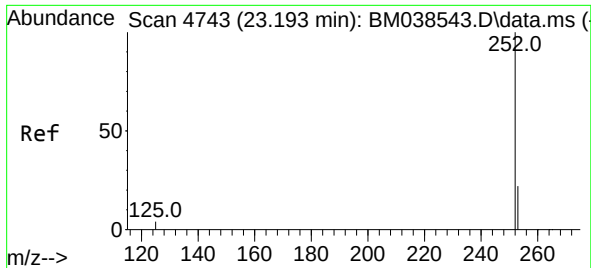
Tgt Ion:228 Resp: 4759
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 28.1 22.2 33.4



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. 0.003 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:228 Resp: 5018
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.5 16.2 24.4

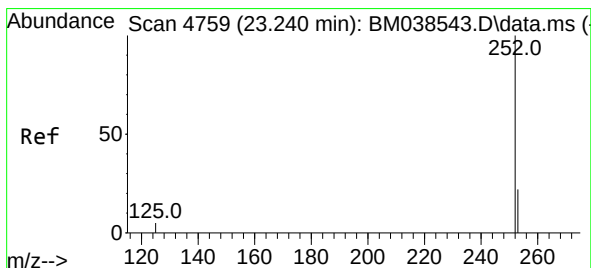
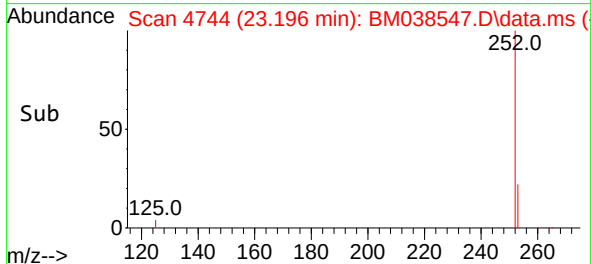
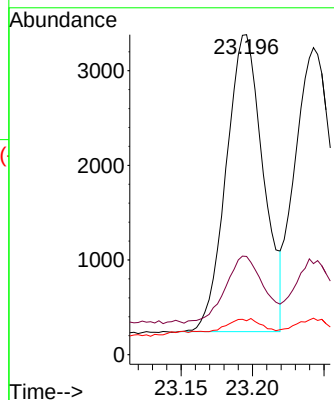
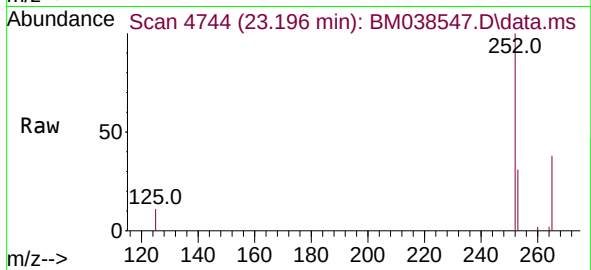




#24
Benzo(b)fluoranthene
Concen: 0.297 ng/ul
RT: 23.196 min Scan# 4743
Delta R.T. 0.006 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

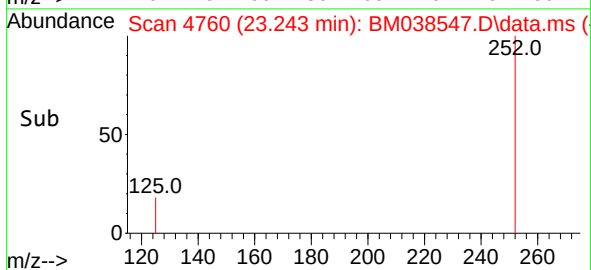
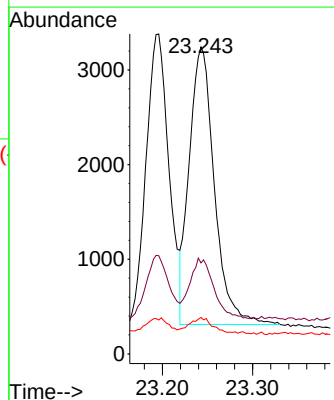
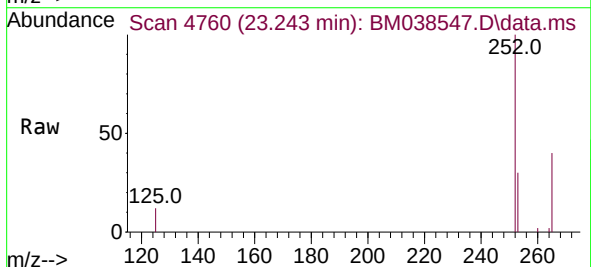
Instrument :
BNA_M
ClientSampleId :
SLCS440

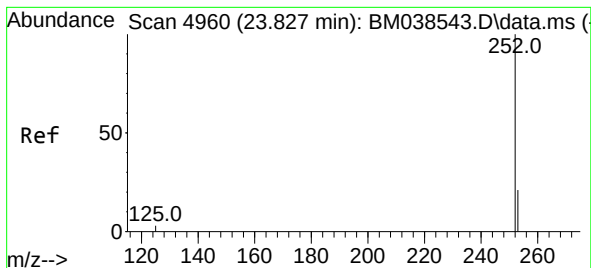
Tgt Ion:252	Resp:	5665
Ion Ratio	Lower	Upper
252	100	
253	30.7	0.0 56.6
125	10.6	0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:252	Resp:	5684
Ion Ratio	Lower	Upper
252	100	
253	29.7	23.1 34.7
125	11.9	8.4 12.6





#26

Benzo(a)pyrene

Concen: 0.306 ng/ul

RT: 23.827 min Scan# 4960

Delta R.T. 0.006 min

Lab File: BM038547.D

Acq: 26 Jan 2023 13:48

Instrument :

BNA_M

ClientSampleId :

SLCS440

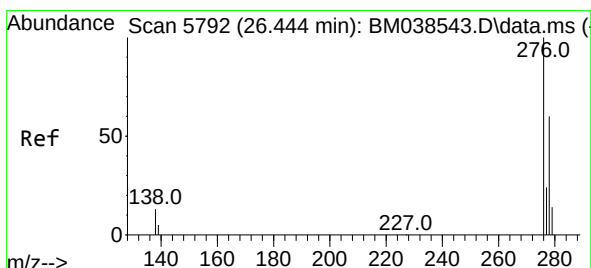
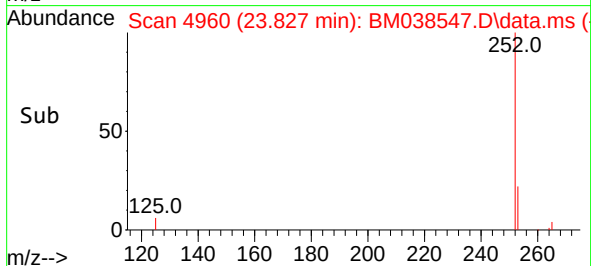
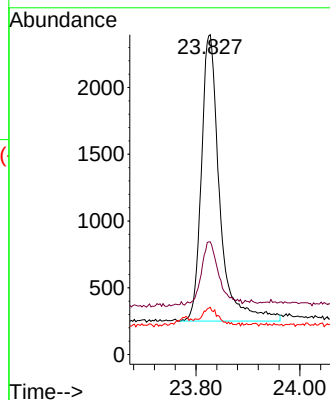
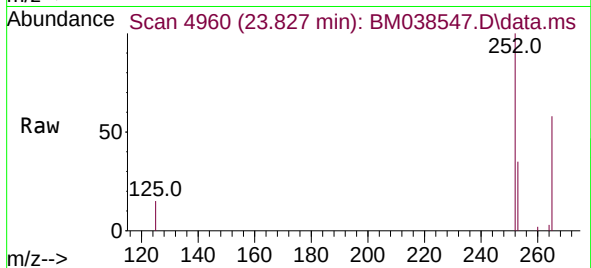
Tgt Ion:252 Resp: 5232

Ion Ratio Lower Upper

252 100

253 35.2 25.1 37.7

125 14.8 10.0 15.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.305 ng/ul

RT: 26.448 min Scan# 5793

Delta R.T. 0.007 min

Lab File: BM038547.D

Acq: 26 Jan 2023 13:48

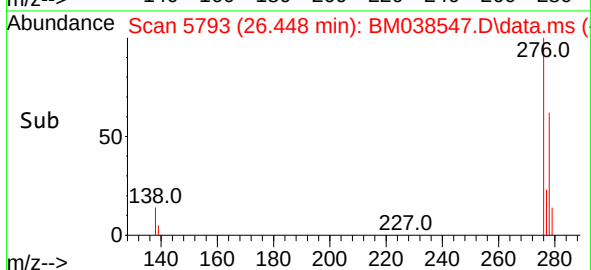
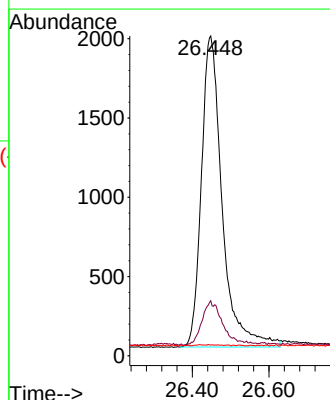
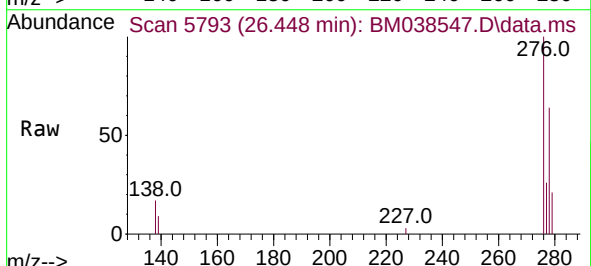
Tgt Ion:276 Resp: 7353

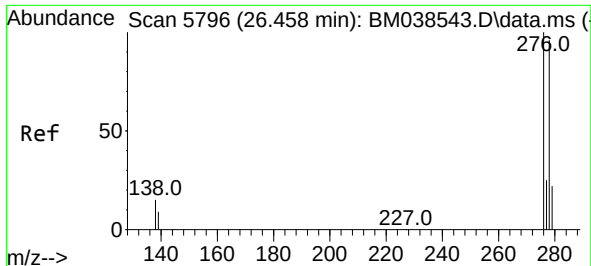
Ion Ratio Lower Upper

276 100

138 14.2 11.7 17.5

227 0.2 0.3 0.5

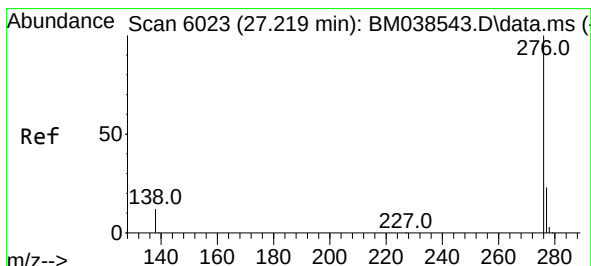
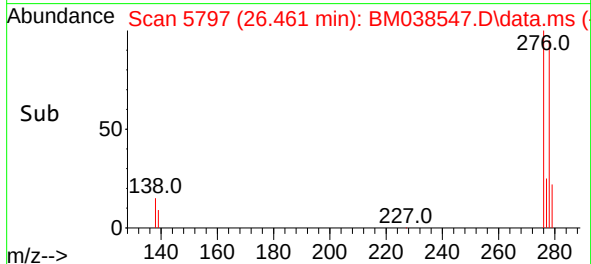
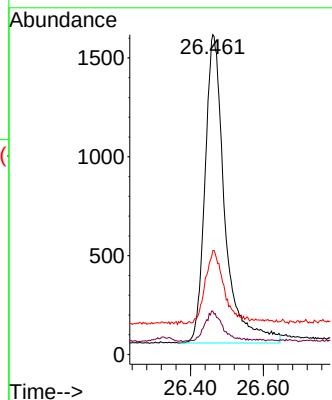
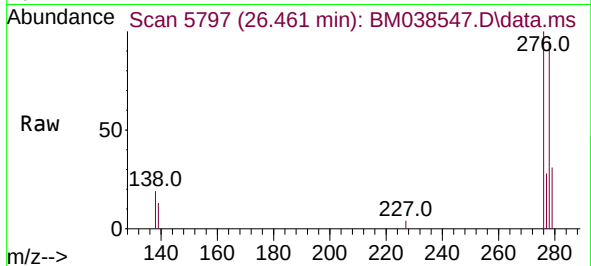




#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 26.461 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SLCS440

Tgt Ion:278 Resp: 5879
Ion Ratio Lower Upper
278 100
139 13.5 9.8 14.8
279 32.5 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.318 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.000 min
Lab File: BM038547.D
Acq: 26 Jan 2023 13:48

Tgt Ion:276 Resp: 6633
Ion Ratio Lower Upper
276 100
138 16.3 12.6 19.0
277 26.6 20.5 30.7

