

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038602.D
 Acq On : 28 Jan 2023 01:28
 Operator : CG/JU
 Sample : PB150412BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS412

Quant Time: Jan 28 02:37:21 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)

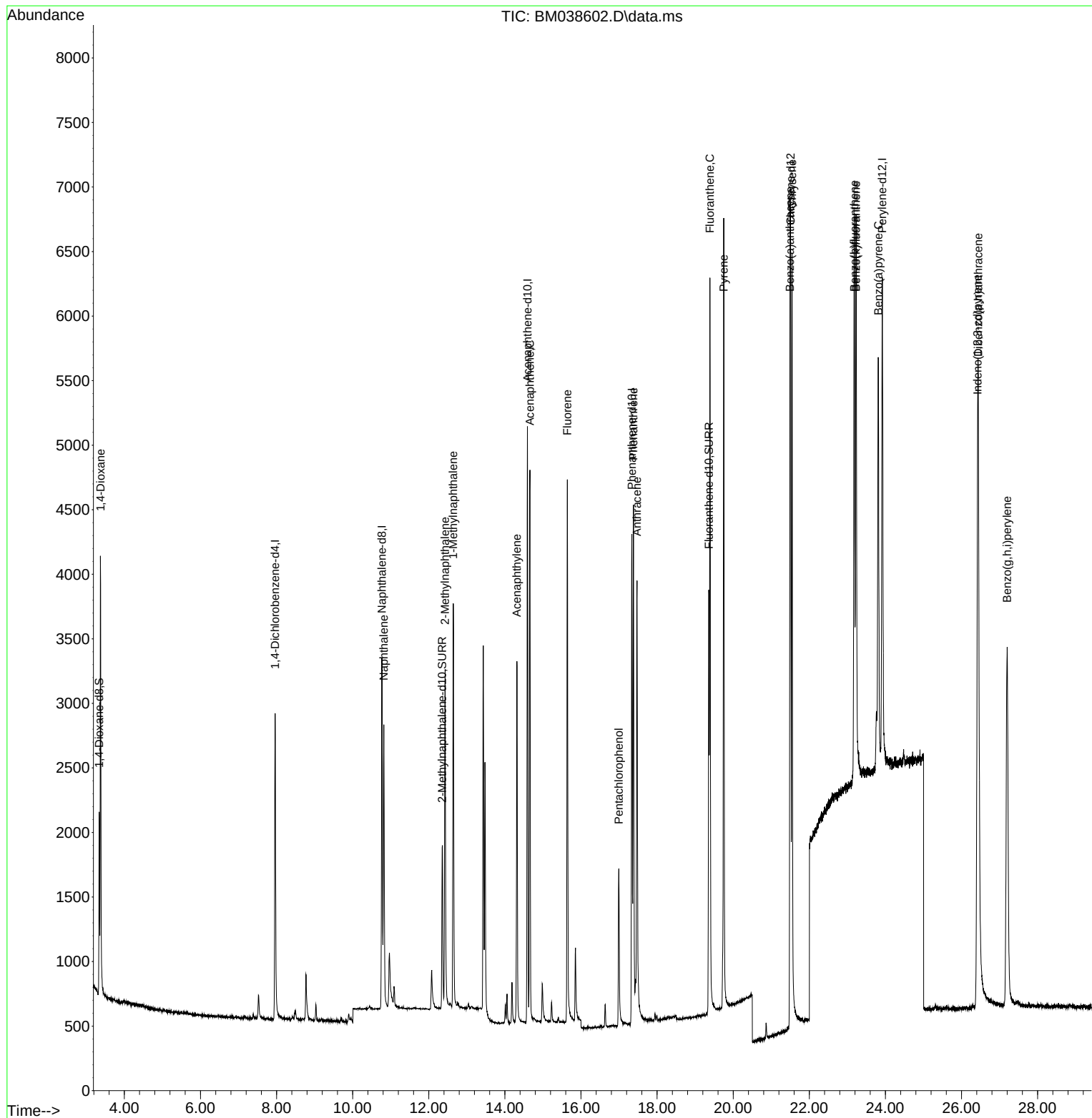
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	1398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	3960	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.592	164	2514	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	5192	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	4825	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	5624	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	938	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	1876	0.305	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	4208	0.305	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	2455	1.318	ng/ul#	20
5) Naphthalene	10.818	128	3082	0.239	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	2051	0.302	ng/ul	95
8) 1-Methylnaphthalene	12.643	142	2143	0.305	ng/ul	98
10) Acenaphthylene	14.314	152	3316	0.299	ng/ul	97
11) Acenaphthene	14.657	153	2457	0.291	ng/ul	98
12) Fluorene	15.642	166	2887	0.274	ng/ul	99
14) Pentachlorophenol	16.995	266	1007	0.476	ng/ul	99
15) Phenanthrene	17.379	178	4464	0.266	ng/ul	98
16) Anthracene	17.472	178	4330	0.303	ng/ul	98
19) Fluoranthene	19.390	202	5453	0.317	ng/ul	99
20) Pyrene	19.752	202	5716	0.309	ng/ul	99
21) Benzo(a)anthracene	21.492	228	5207	0.304	ng/ul	98
22) Chrysene	21.548	228	5279	0.307	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	6211	0.293	ng/ul	96
25) Benzo(k)fluoranthene	23.228	252	6245	0.304	ng/ul	97
26) Benzo(a)pyrene	23.813	252	5686	0.299	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.421	276	8280	0.309	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.441	278	6651	0.313	ng/ul	95
29) Benzo(g,h,i)perylene	27.199	276	7248	0.312	ng/ul	97

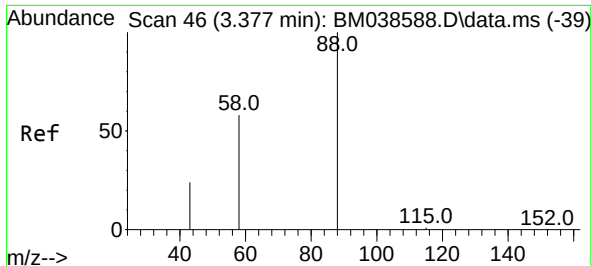
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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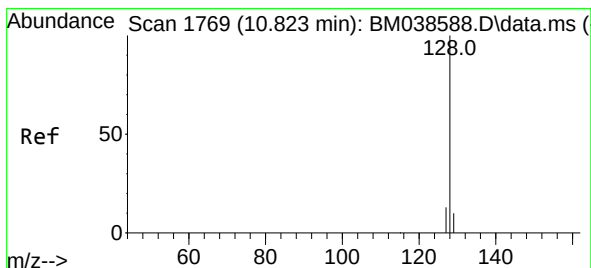
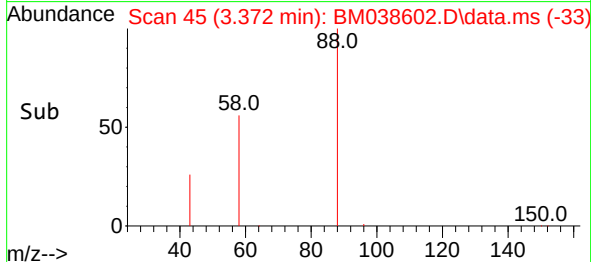
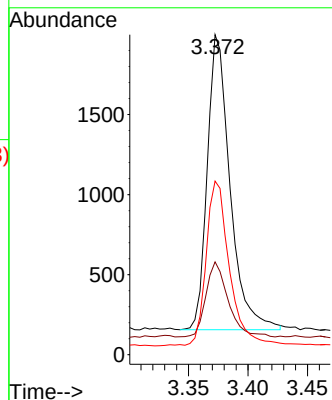
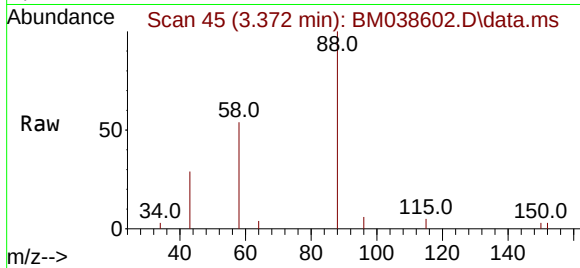




#2
1,4-Dioxane
Concen: 1.318 ng/ul
RT: 3.372 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

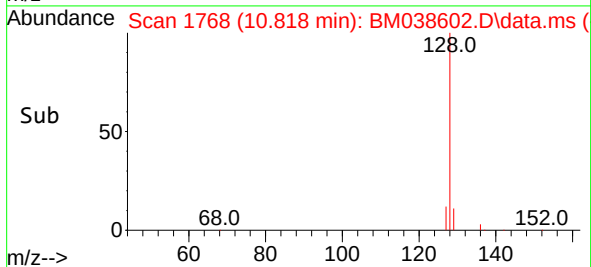
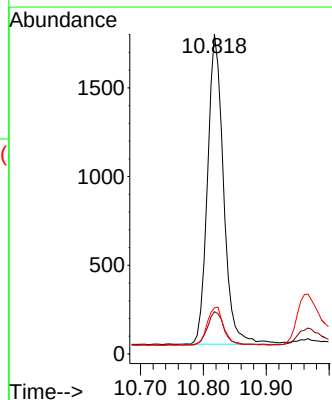
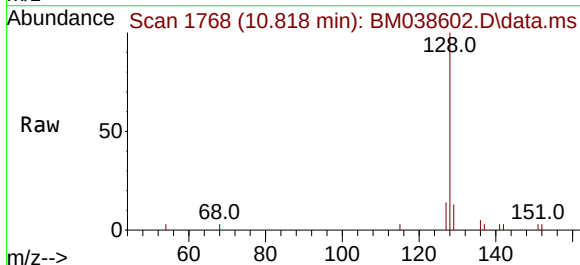
Instrument :
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ClientSampleId :
SLCS412

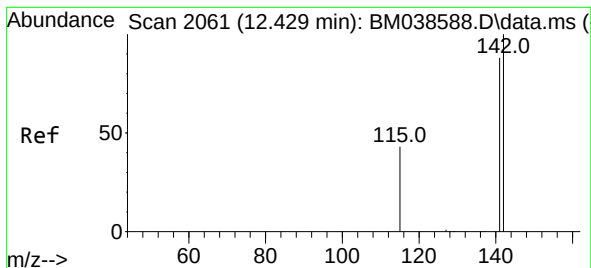
Tgt Ion: 88 Resp: 2455
Ion Ratio Lower Upper
88 100
43 29.0 141.3 211.9#
58 54.2 45.7 68.5



#5
Naphthalene
Concen: 0.239 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.011 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion: 128 Resp: 3082
Ion Ratio Lower Upper
128 100
129 13.2 10.3 15.5
127 14.4 11.9 17.9

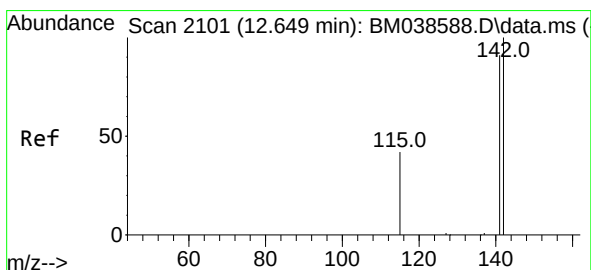
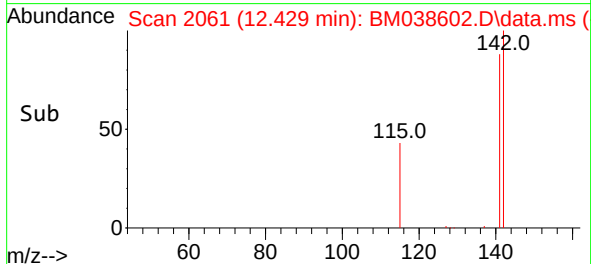
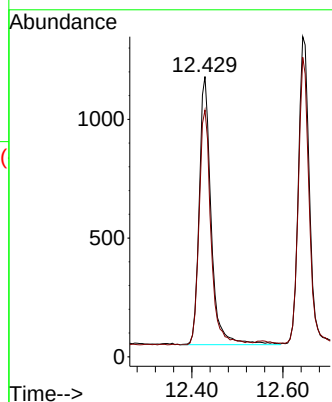
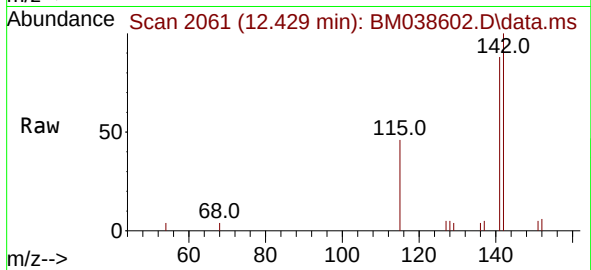




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

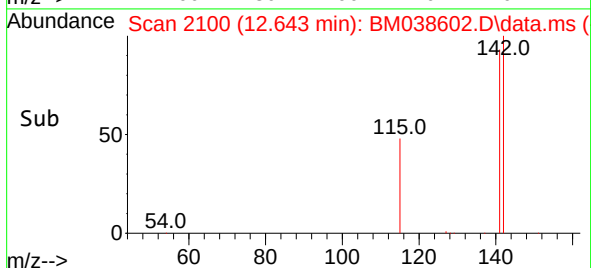
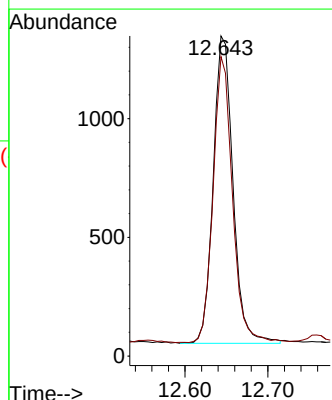
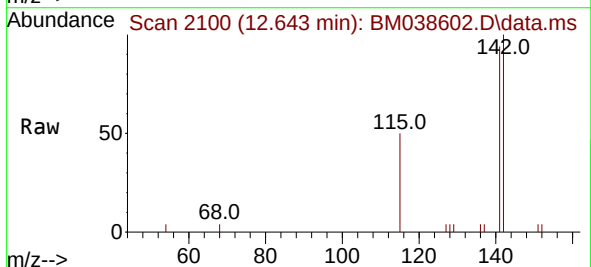
Instrument :
BNA_M
ClientSampleId :
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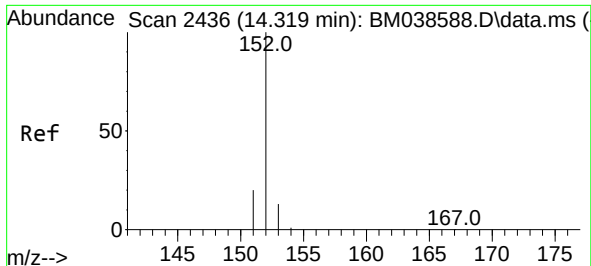
Tgt Ion:142 Resp: 2051
Ion Ratio Lower Upper
142 100
141 87.4 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:142 Resp: 2143
Ion Ratio Lower Upper
142 100
141 90.6 74.0 111.0

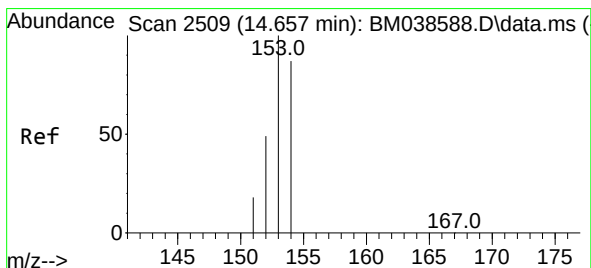
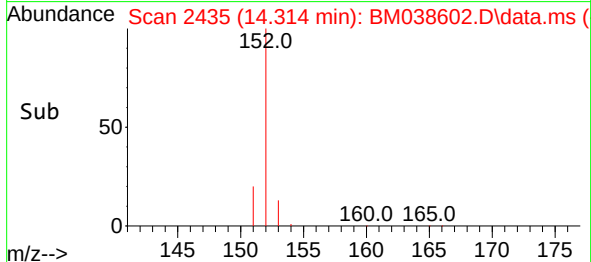
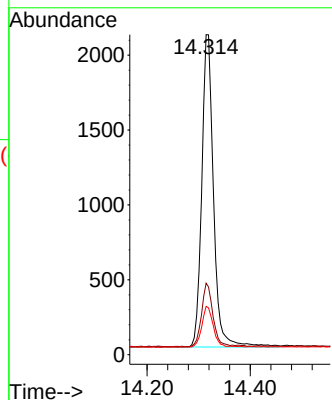
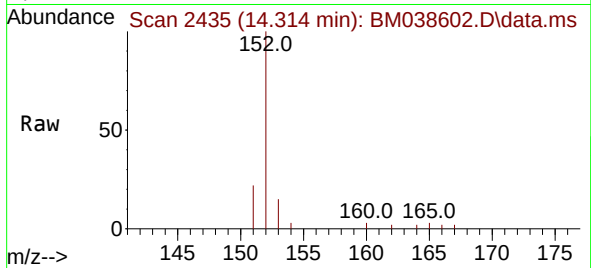




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

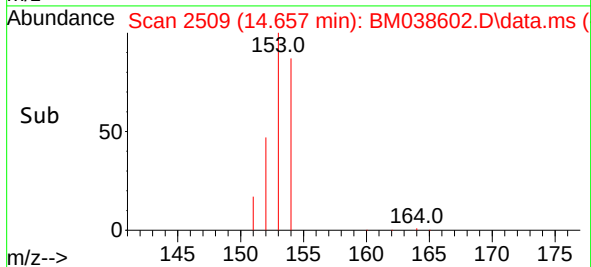
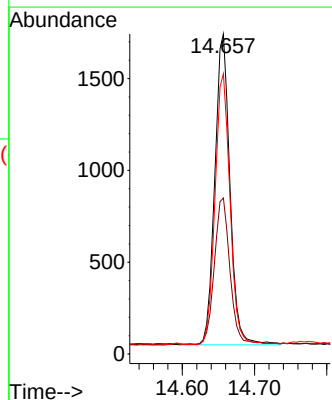
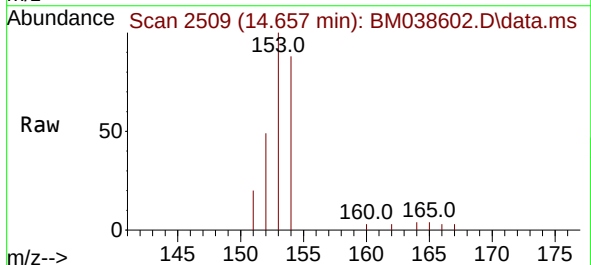
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BNA_M
ClientSampleId :
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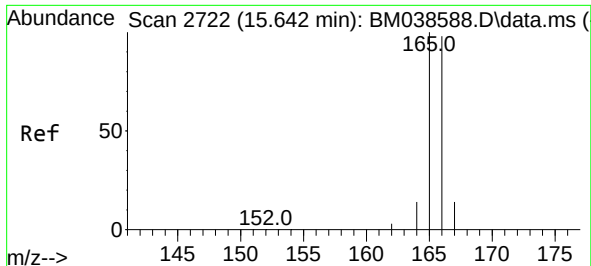
Tgt Ion:152 Resp: 3316
Ion Ratio Lower Upper
152 100
151 22.4 16.3 24.5
153 15.1 11.8 17.6



#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:153 Resp: 2457
Ion Ratio Lower Upper
153 100
152 48.8 40.1 60.1
154 87.6 68.4 102.6

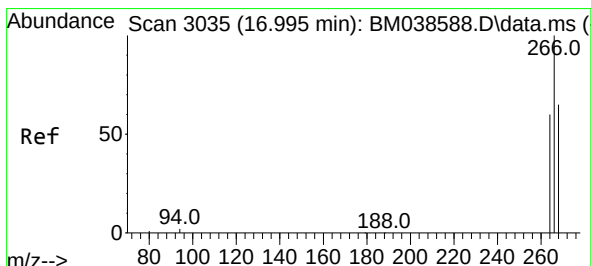
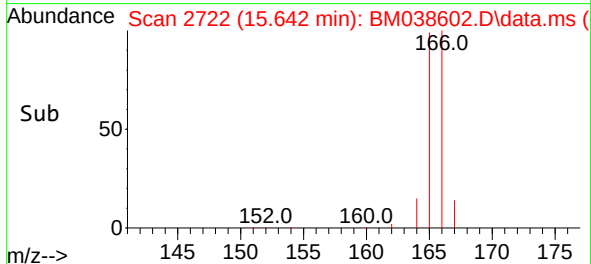
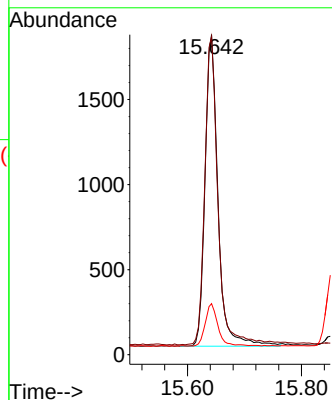
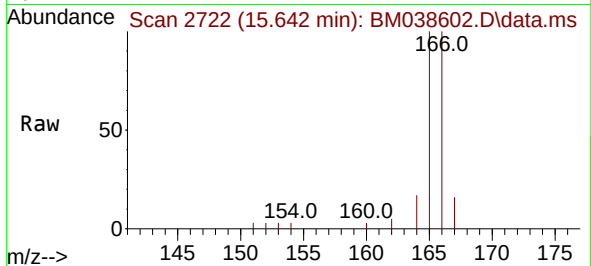




#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

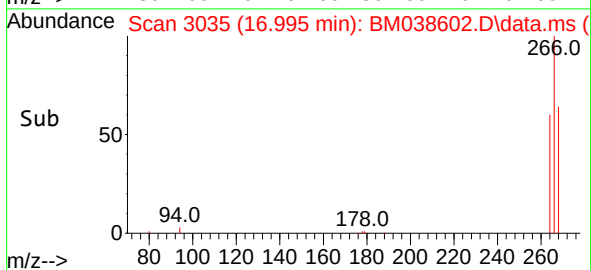
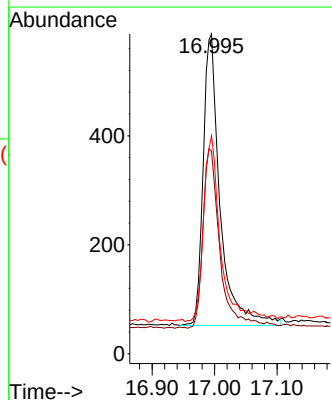
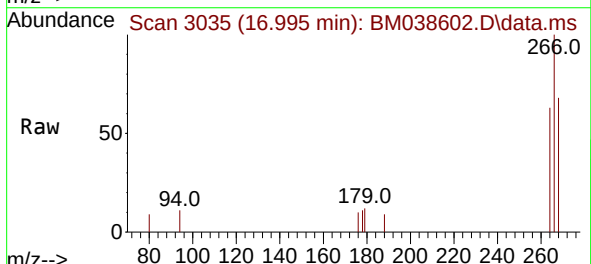
Instrument :
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ClientSampleId :
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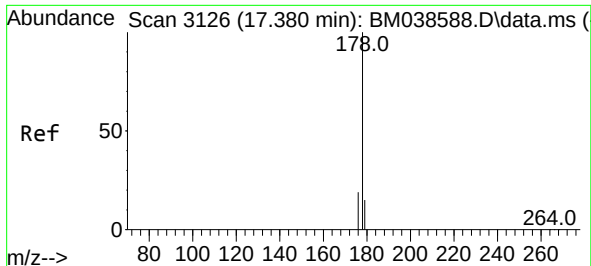
Tgt Ion:166 Resp: 2887
Ion Ratio Lower Upper
166 100
165 99.5 79.3 118.9
167 15.9 11.9 17.9



#14
Pentachlorophenol
Concen: 0.476 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.004 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:266 Resp: 1007
Ion Ratio Lower Upper
266 100
264 62.4 49.4 74.2
268 65.0 51.7 77.5

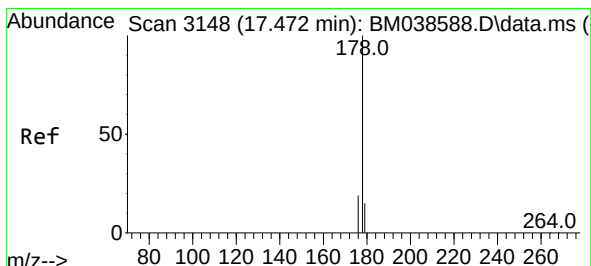
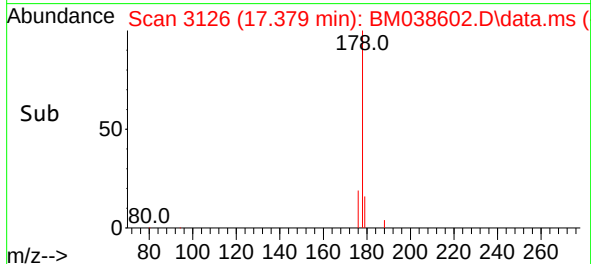
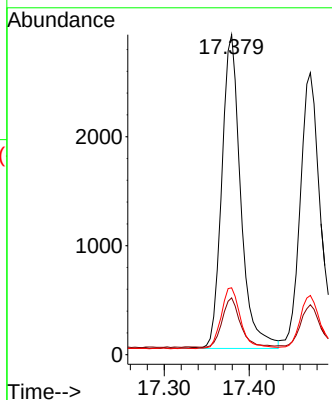
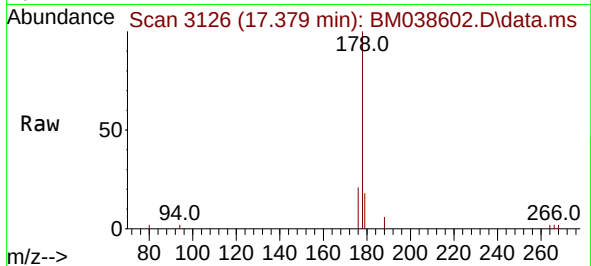




#15
Phenanthrene
Concen: 0.266 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

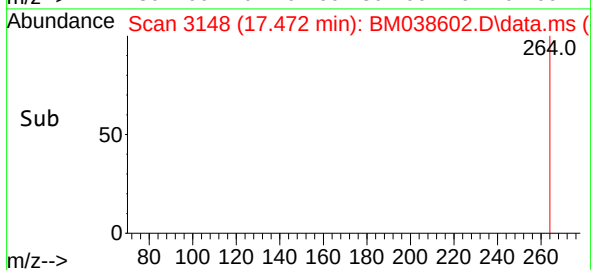
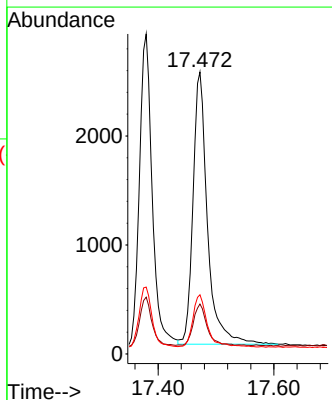
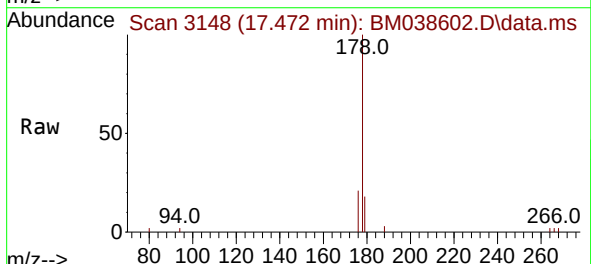
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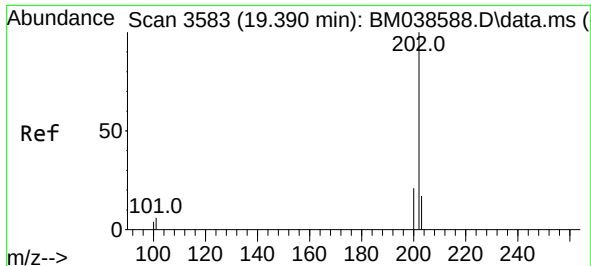
Tgt Ion:178 Resp: 4464
Ion Ratio Lower Upper
178 100
179 17.7 13.0 19.4
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:178 Resp: 4330
Ion Ratio Lower Upper
178 100
179 17.7 13.2 19.8
176 21.0 16.2 24.4

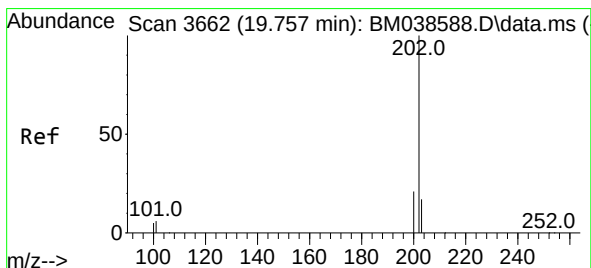
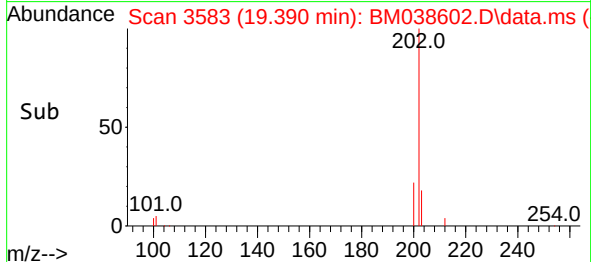
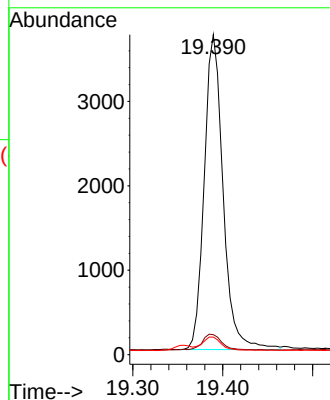
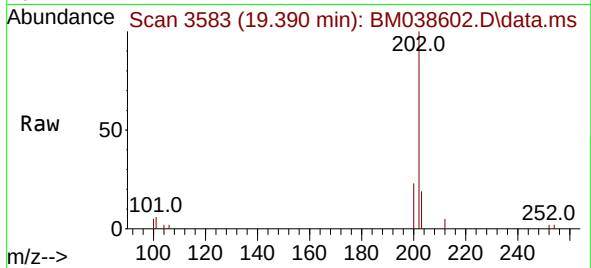




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

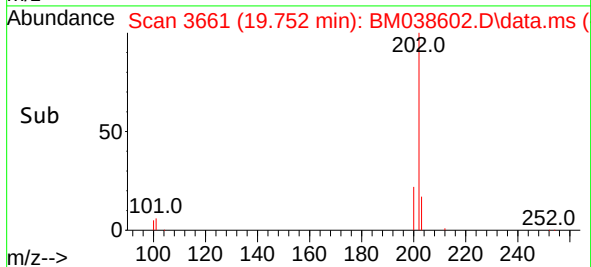
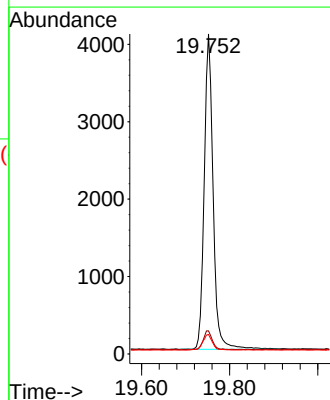
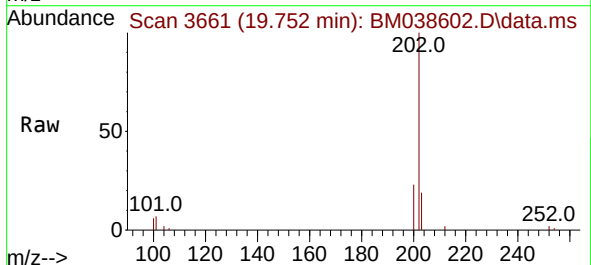
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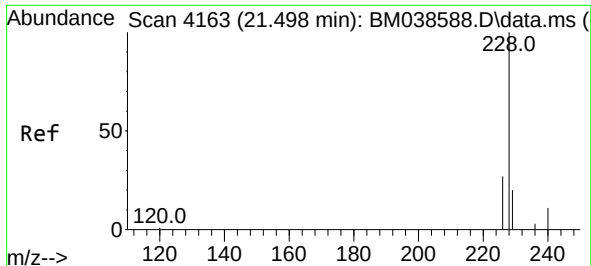
Tgt Ion:	202	Resp:	5453
Ion Ratio	Lower	Upper	
202	100		
101	6.2	5.3	7.9
100	5.5	4.2	6.2



#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:	202	Resp:	5716
Ion Ratio	Lower	Upper	
202	100		
101	7.2	5.9	8.9
100	6.1	5.2	7.8

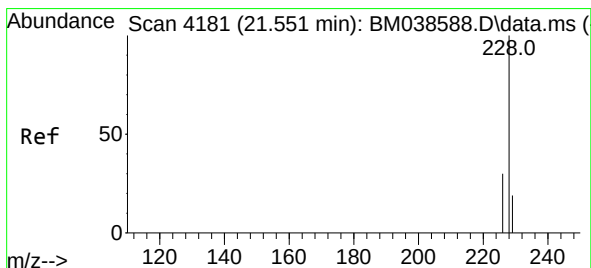
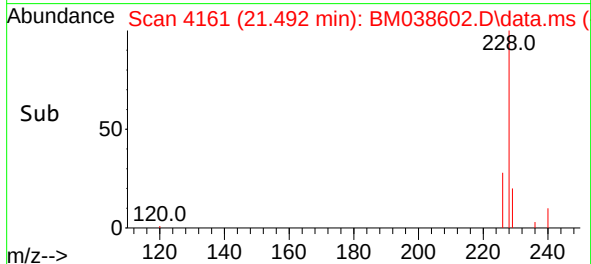
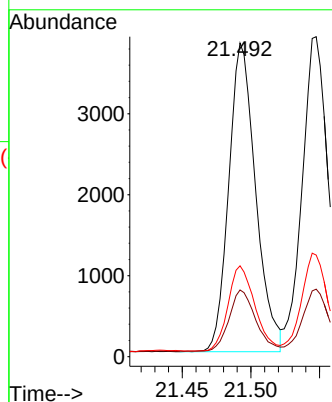
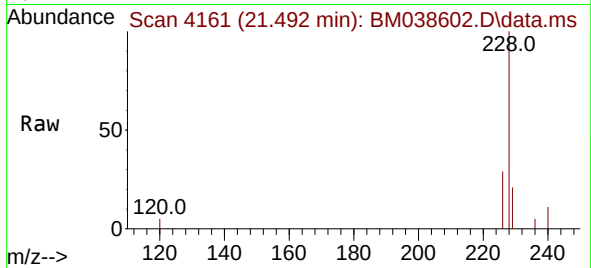




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

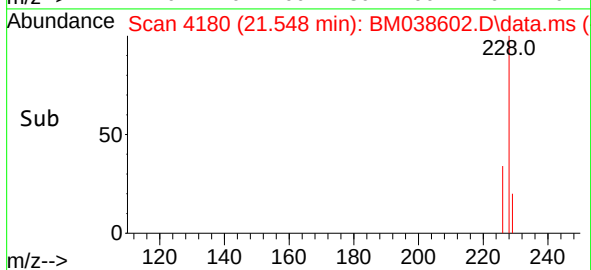
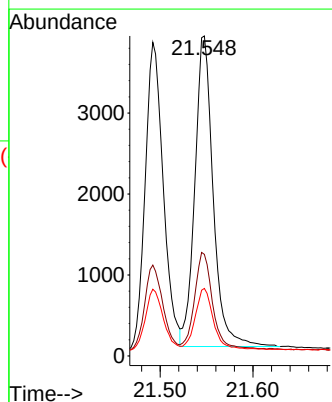
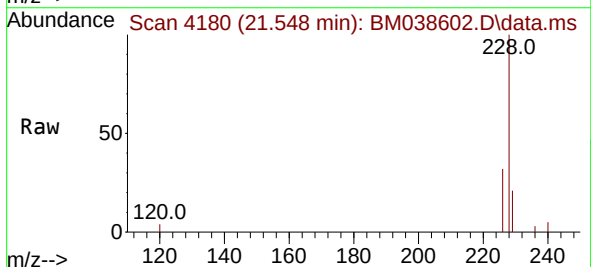
Instrument :
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ClientSampleId :
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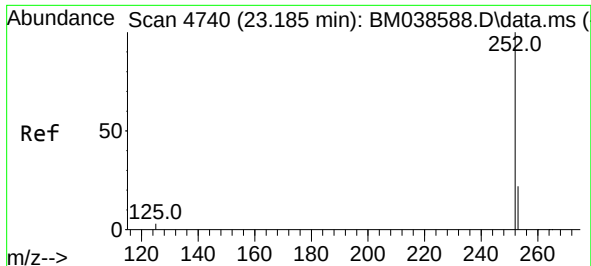
Tgt Ion:228 Resp: 5207
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 29.0 22.2 33.4



#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:228 Resp: 5279
Ion Ratio Lower Upper
228 100
226 31.8 24.6 36.8
229 21.1 16.2 24.4

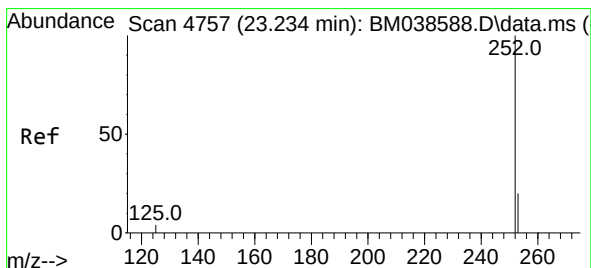
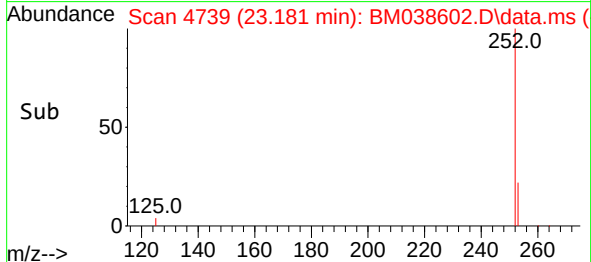
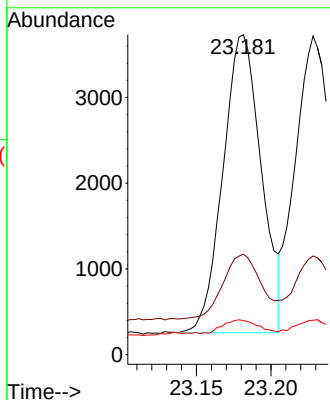
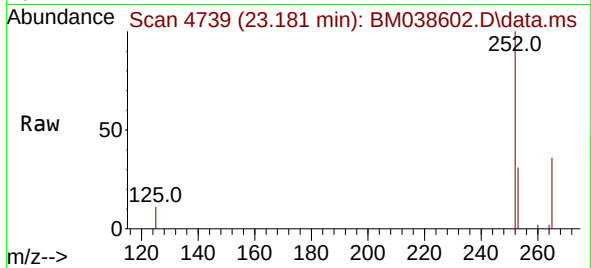




#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.009 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

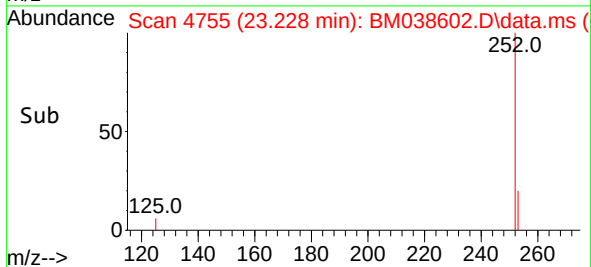
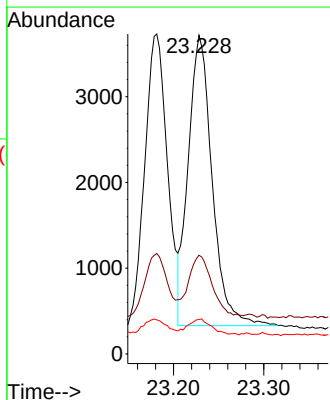
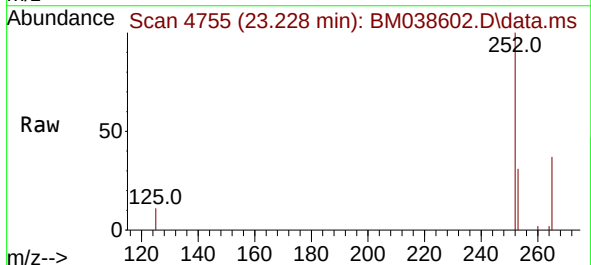
Instrument :
BNA_M
ClientSampleId :
SLCS412

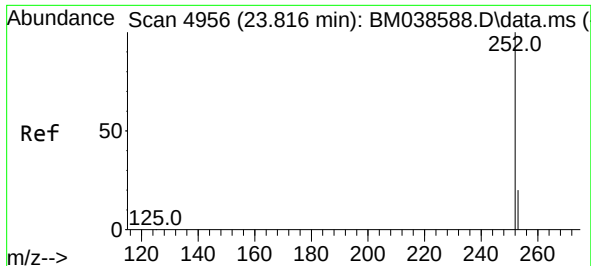
Tgt Ion:252 Resp: 6211
Ion Ratio Lower Upper
252 100
253 31.4 0.0 56.6
125 10.6 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. -0.012 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:252 Resp: 6245
Ion Ratio Lower Upper
252 100
253 31.0 23.1 34.7
125 10.8 8.4 12.6

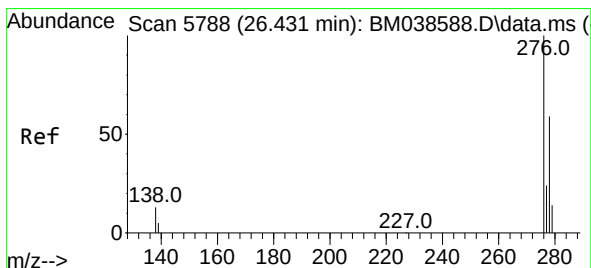
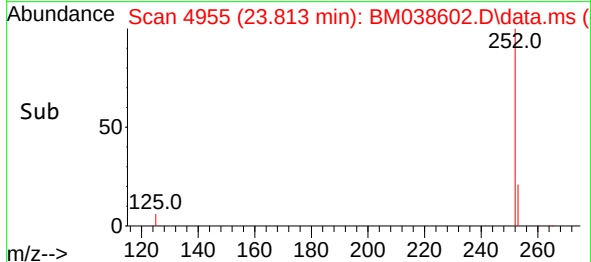
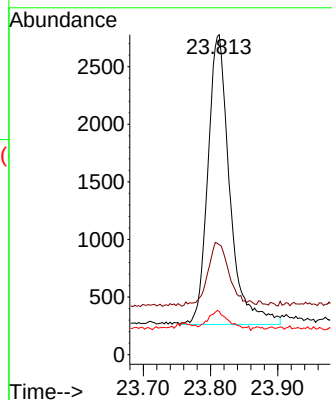
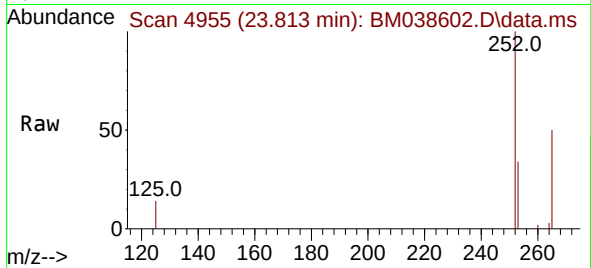




#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.813 min Scan# 4955
Delta R.T. -0.009 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

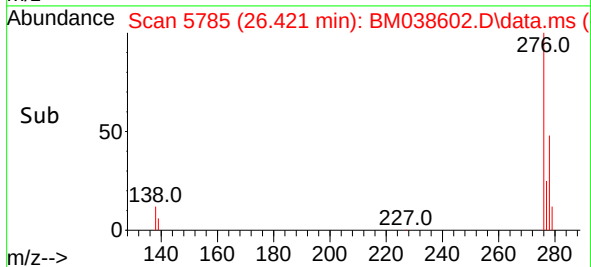
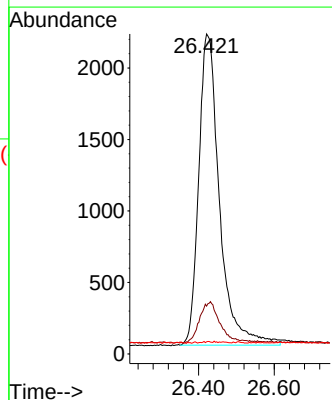
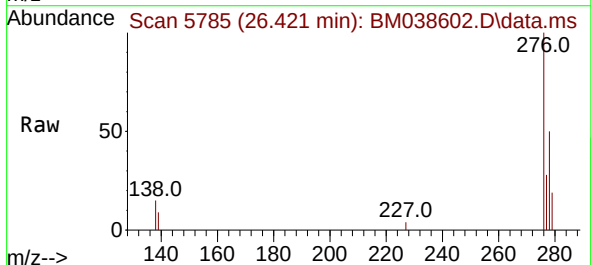
Instrument :
BNA_M
ClientSampleId :
SLCS412

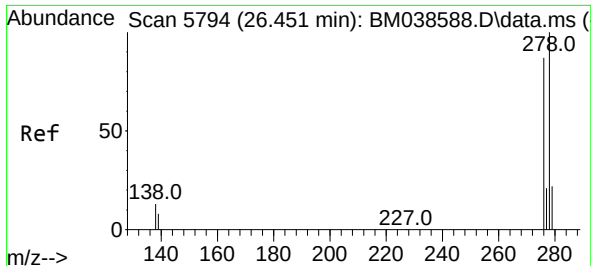
Tgt Ion:252 Resp: 5686
Ion Ratio Lower Upper
252 100
253 34.4 25.1 37.7
125 13.5 10.0 15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.421 min Scan# 5785
Delta R.T. -0.020 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:276 Resp: 8280
Ion Ratio Lower Upper
276 100
138 0.0 11.7 17.5#
227 0.1 0.3 0.5#

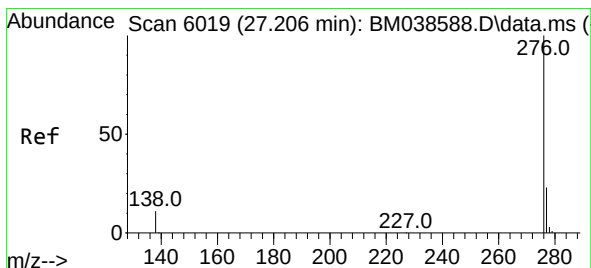
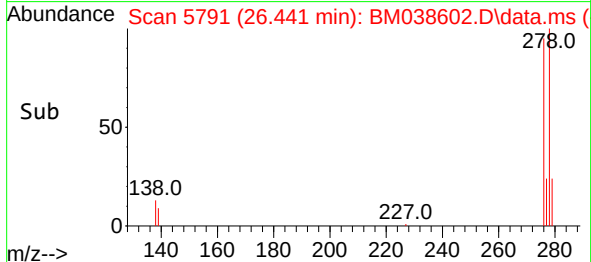
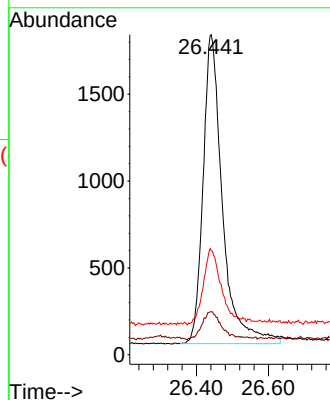
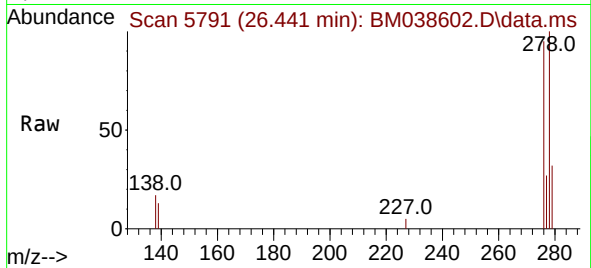




#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Instrument :
BNA_M
ClientSampleId :
SLCS412

Tgt Ion:	278	Resp:	6651
Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.8
279	32.4	23.3	34.9



#29
Benzo(g,h,i)perylene
Concen: 0.312 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.020 min
Lab File: BM038602.D
Acq: 28 Jan 2023 01:28

Tgt Ion:	276	Resp:	7248
Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.6	19.0
277	27.5	20.5	30.7

