

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038575.D
 Acq On : 27 Jan 2023 08:16
 Operator : CG/JU
 Sample : PB150409BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS409

Quant Time: Jan 27 21:58:33 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

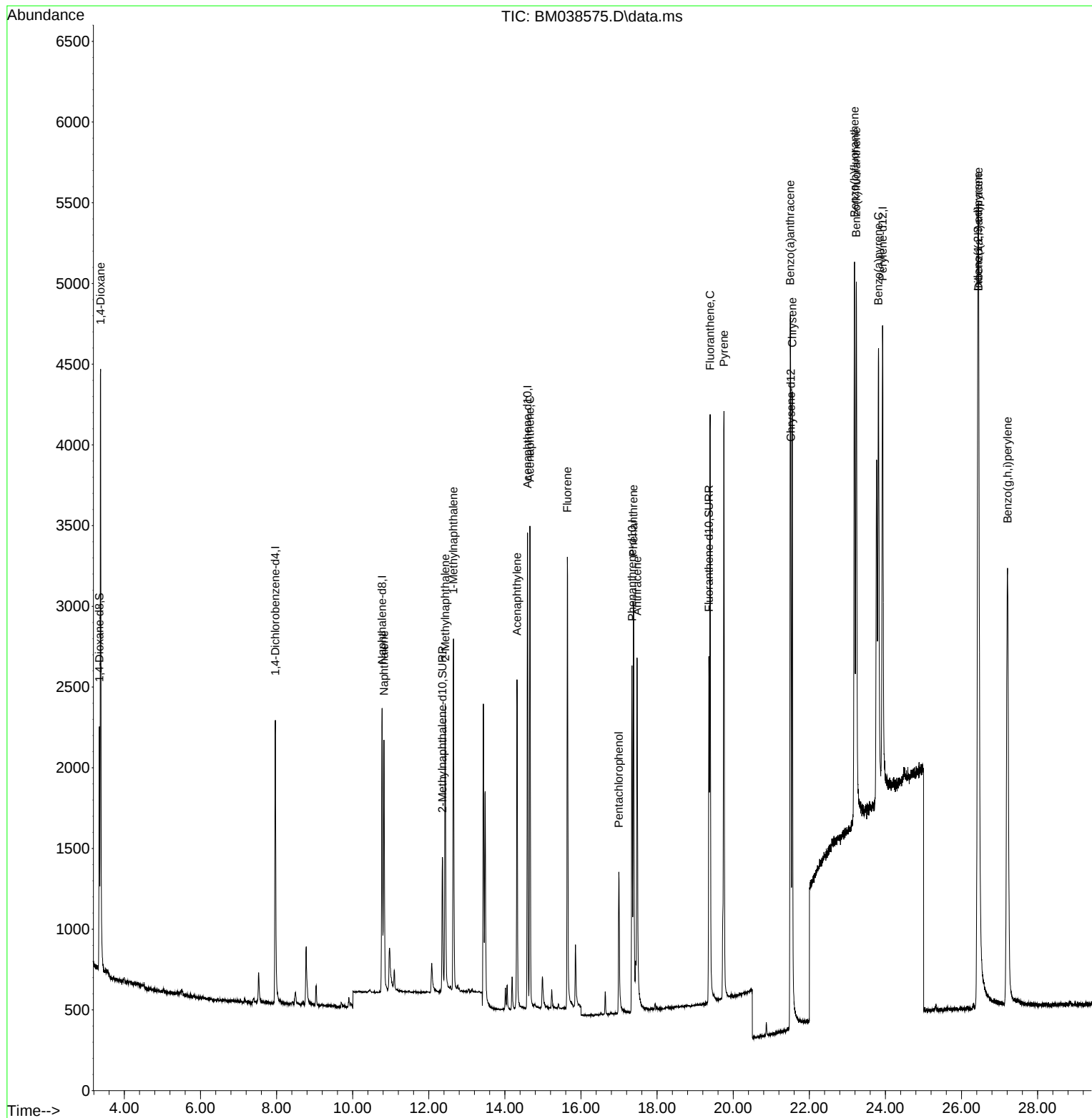
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	2534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	1606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	3057	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	2810	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	4093	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1009	0.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	1256	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	2747	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	2565	1.847	ng/ul#	22
5) Naphthalene	10.823	128	2204	0.267	ng/ul	96
7) 2-Methylnaphthalene	12.434	142	1377	0.316	ng/ul	97
8) 1-Methylnaphthalene	12.649	142	1444	0.321	ng/ul	100
10) Acenaphthylene	14.319	152	2364	0.334	ng/ul	96
11) Acenaphthene	14.657	153	1751	0.324	ng/ul	98
12) Fluorene	15.642	166	1956	0.290	ng/ul	98
14) Pentachlorophenol	16.995	266	753	0.605	ng/ul	100
15) Phenanthrene	17.379	178	2921	0.296	ng/ul	96
16) Anthracene	17.476	178	2841	0.337	ng/ul	97
19) Fluoranthene	19.394	202	3540	0.353	ng/ul	99
20) Pyrene	19.757	202	3706	0.344	ng/ul	98
21) Benzo(a)anthracene	21.498	228	3491	0.350	ng/ul	99
22) Chrysene	21.553	228	3576	0.357	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	4916	0.319	ng/ul	96
25) Benzo(k)fluoranthene	23.237	252	4957	0.331	ng/ul	96
26) Benzo(a)pyrene	23.816	252	4762	0.344	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.434	276	8025	0.412	ng/ul	94
28) Dibenzo(a,h)anthracene	26.448	278	6478	0.418	ng/ul	98
29) Benzo(g,h,i)perylene	27.209	276	7248	0.429	ng/ul	97

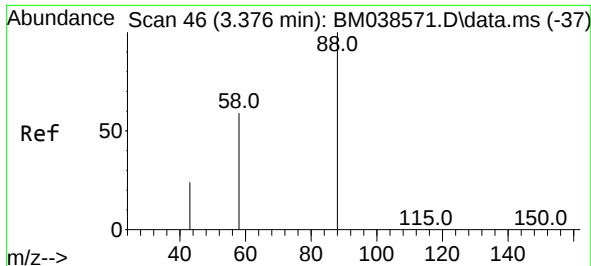
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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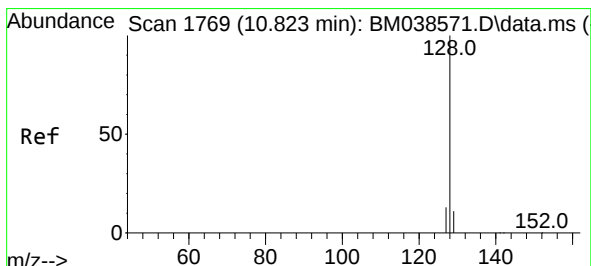
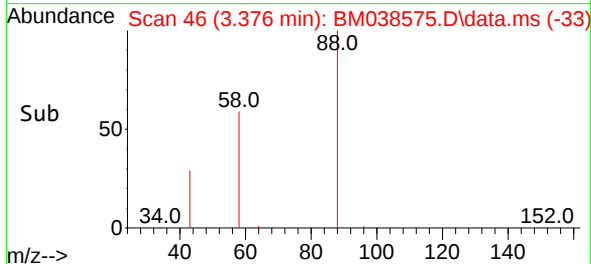
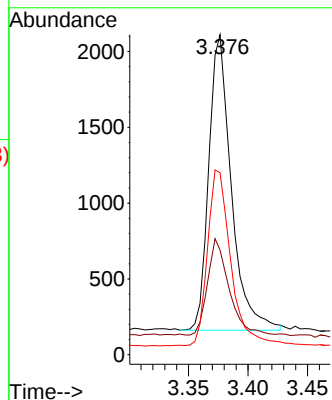
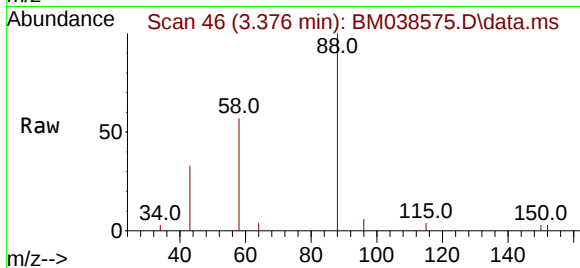




#2
1,4-Dioxane
Concen: 1.847 ng/ul
RT: 3.376 min Scan# 46
Delta R.T. -0.004 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

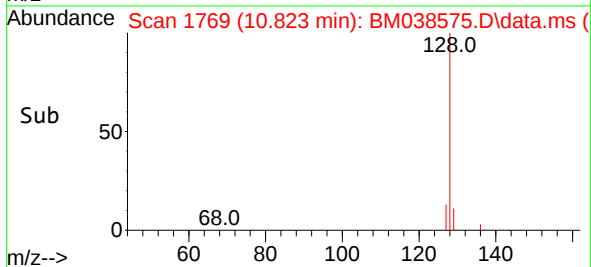
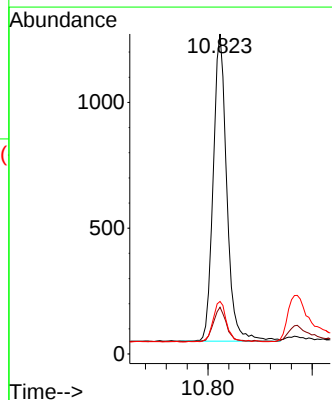
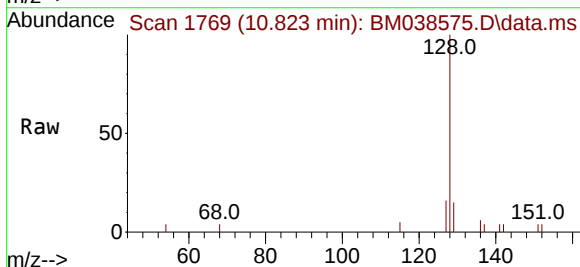
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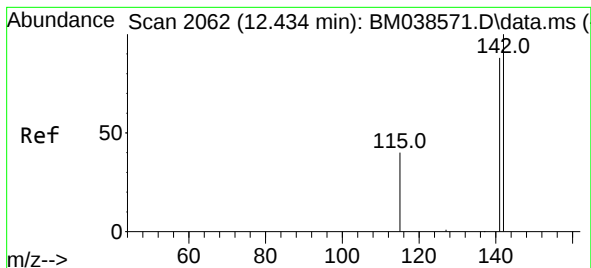
Tgt Ion: 88 Resp: 2565
Ion Ratio Lower Upper
88 100
43 32.7 141.3 211.9#
58 56.8 45.7 68.5



#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion: 128 Resp: 2204
Ion Ratio Lower Upper
128 100
129 14.6 10.3 15.5
127 16.4 11.9 17.9

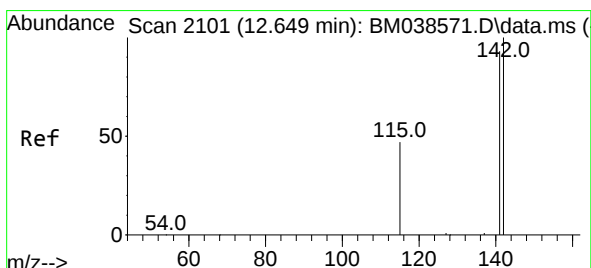
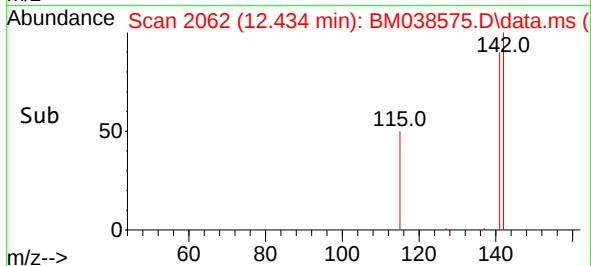
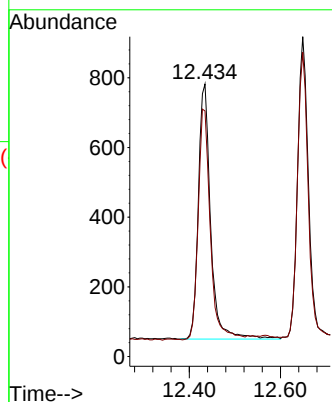
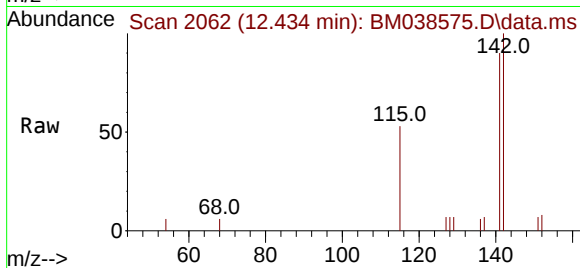




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

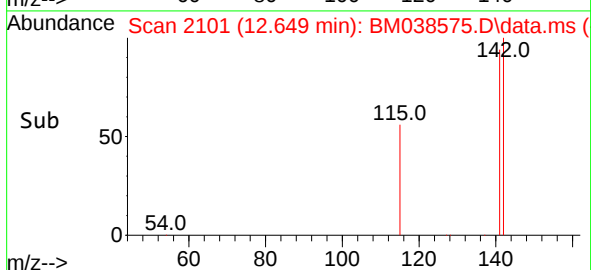
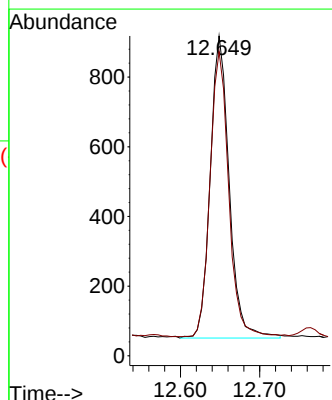
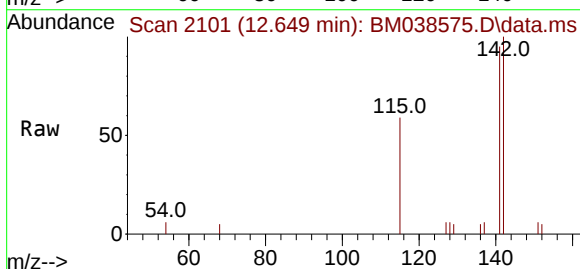
Instrument :
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ClientSampleId :
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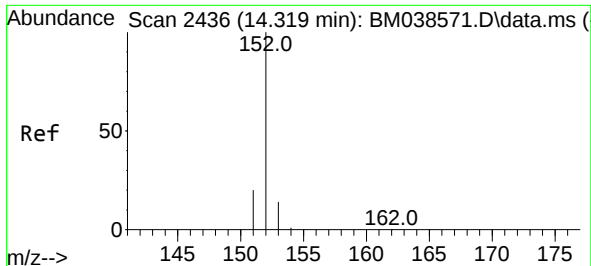
Tgt Ion:142 Resp: 1377
Ion Ratio Lower Upper
142 100
141 89.0 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:142 Resp: 1444
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

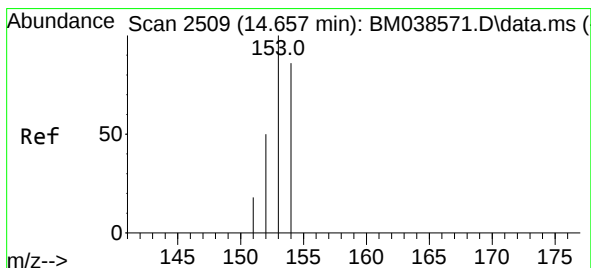
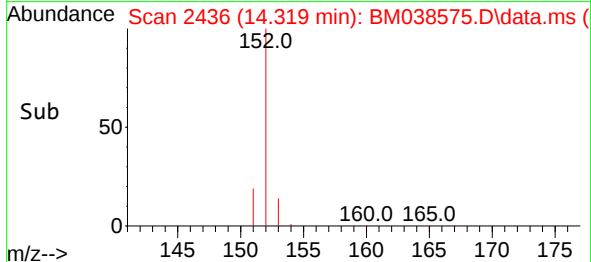
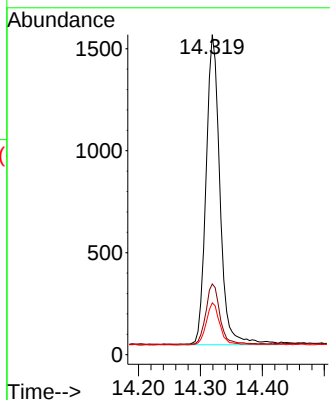
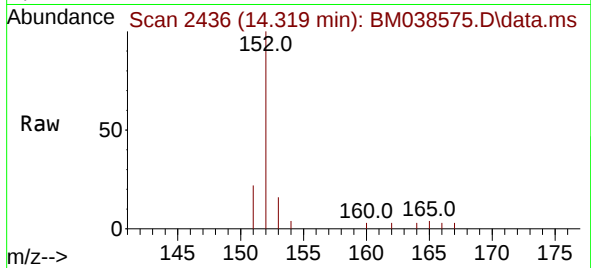




#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.319 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

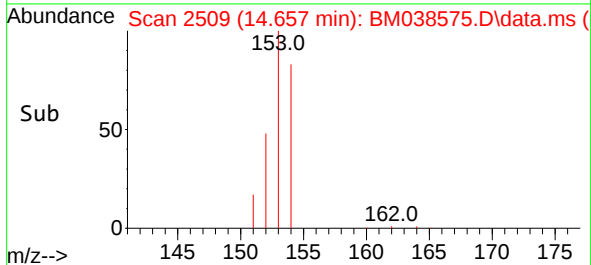
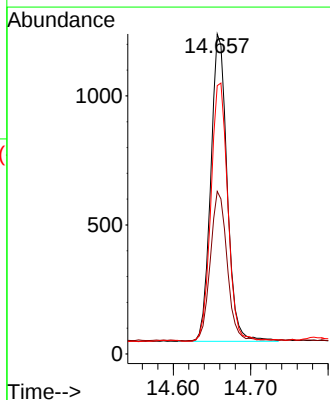
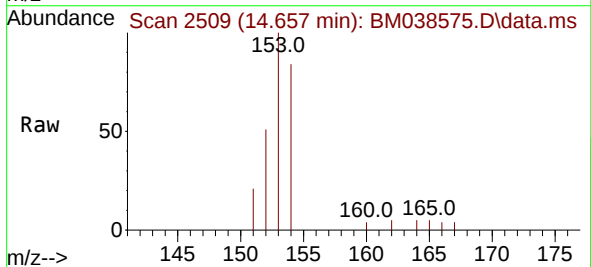
Instrument :
BNA_M
ClientSampleId :
SLCS409

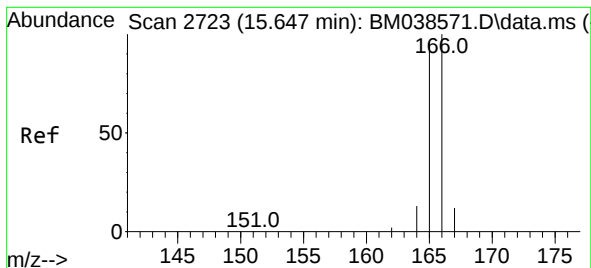
Tgt Ion:152	Resp:	2364
Ion Ratio	Lower	Upper
152	100	
151	22.1	16.3 24.5
153	16.2	11.8 17.6



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:153	Resp:	1751
Ion Ratio	Lower	Upper
153	100	
152	50.8	40.1 60.1
154	83.9	68.4 102.6





#12

Fluorene

Concen: 0.290 ng/ul

RT: 15.642 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038575.D

Acq: 27 Jan 2023 08:16

Instrument :

BNA_M

ClientSampleId :

SLCS409

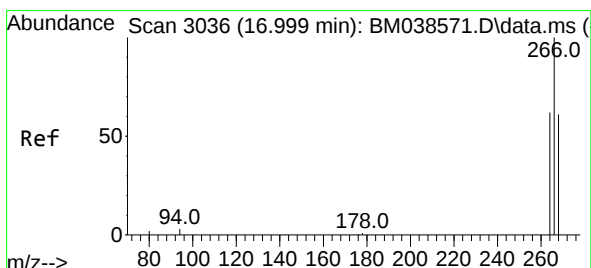
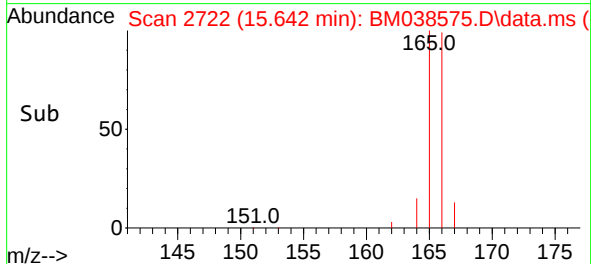
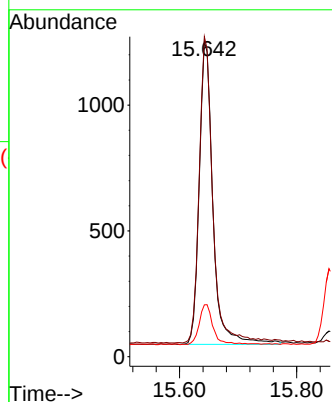
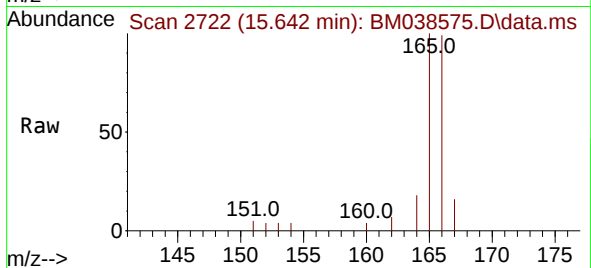
Tgt Ion:166 Resp: 1956

Ion Ratio Lower Upper

166 100

165 101.4 79.3 118.9

167 16.4 11.9 17.9



#14

Pentachlorophenol

Concen: 0.605 ng/ul

RT: 16.995 min Scan# 3035

Delta R.T. -0.004 min

Lab File: BM038575.D

Acq: 27 Jan 2023 08:16

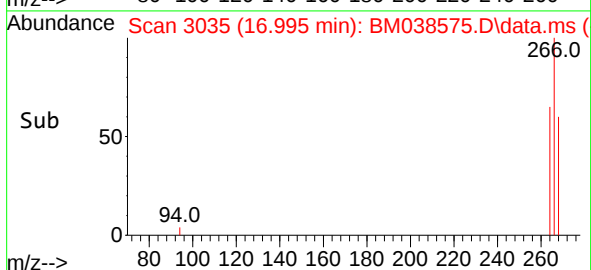
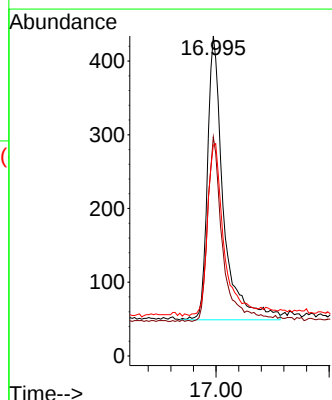
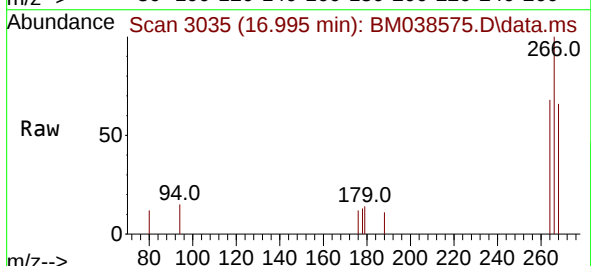
Tgt Ion:266 Resp: 753

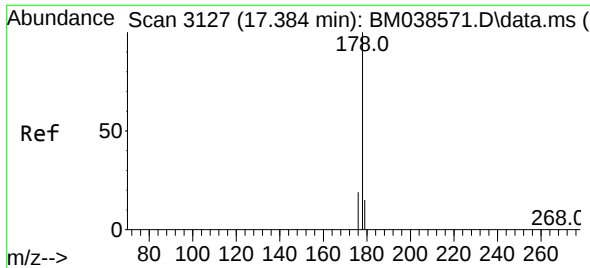
Ion Ratio Lower Upper

266 100

264 61.9 49.4 74.2

268 64.0 51.7 77.5

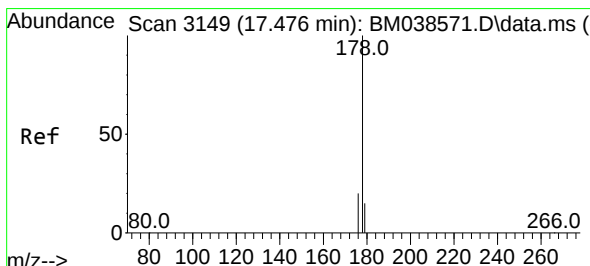
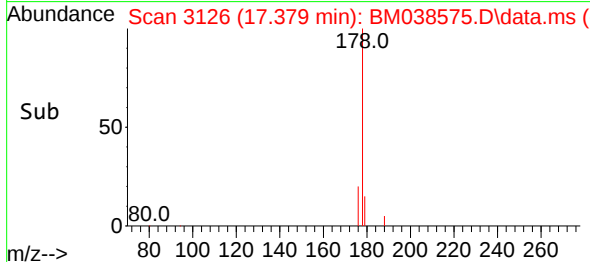
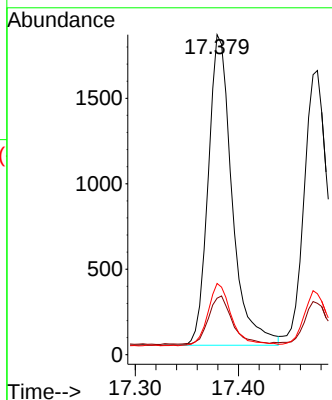
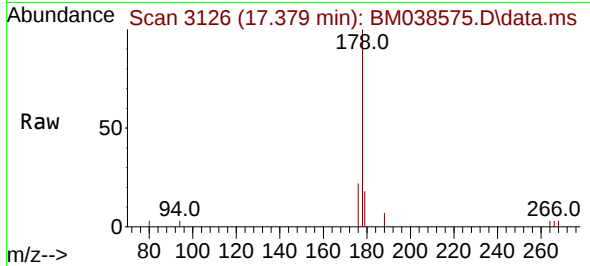




#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.379 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

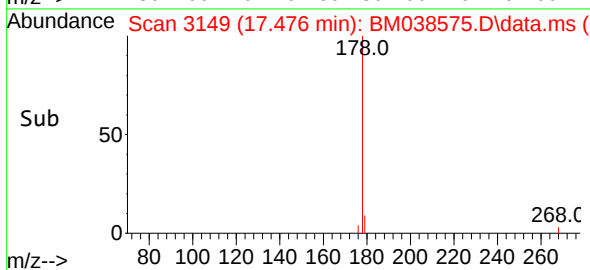
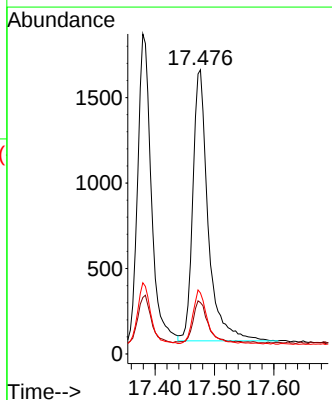
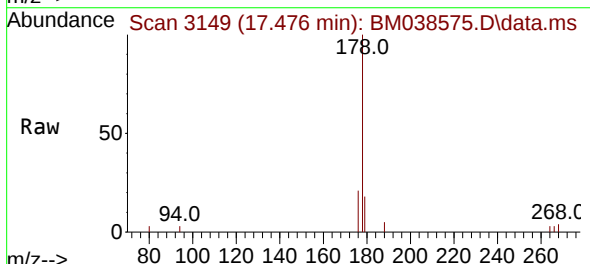
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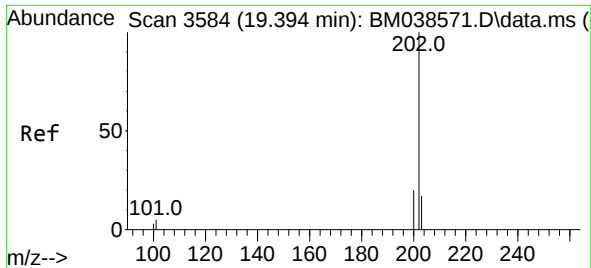
Tgt Ion:178	Resp:	2921
Ion Ratio	Lower	Upper
178	100	
179	17.7	13.0 19.4
176	22.3	16.4 24.6



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:178	Resp:	2841
Ion Ratio	Lower	Upper
178	100	
179	18.1	13.2 19.8
176	21.5	16.2 24.4

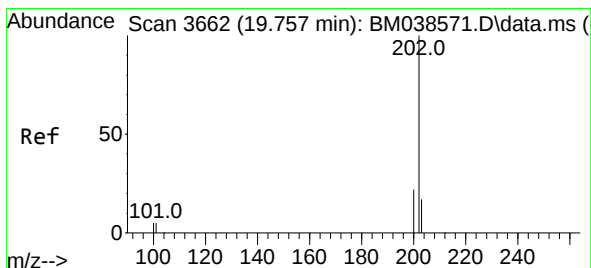
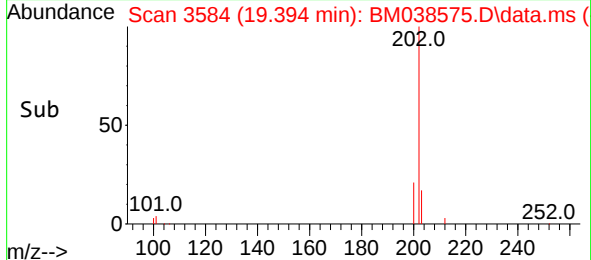
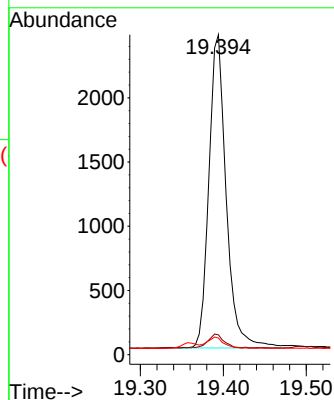
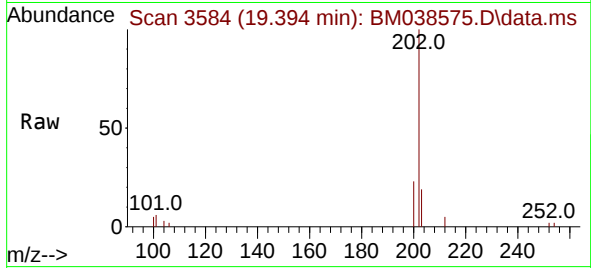




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

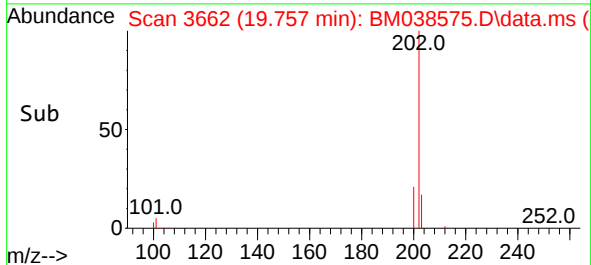
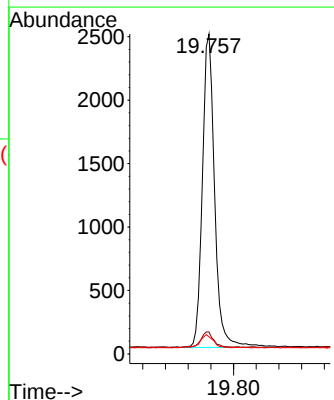
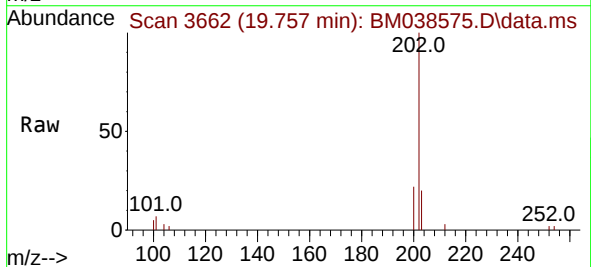
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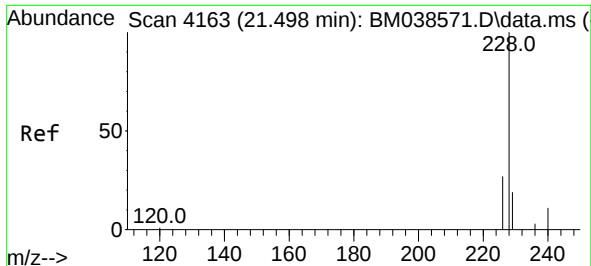
Tgt Ion:202 Resp: 3540
Ion Ratio Lower Upper
202 100
101 6.2 5.3 7.9
100 5.2 4.2 6.2



#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:202 Resp: 3706
Ion Ratio Lower Upper
202 100
101 6.9 5.9 8.9
100 5.4 5.2 7.8

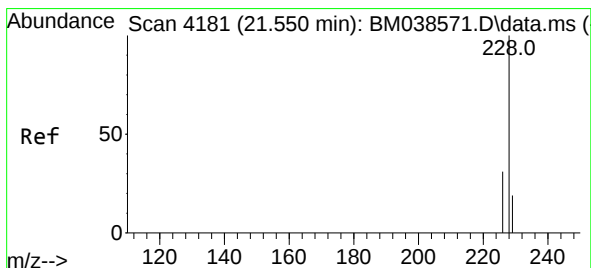
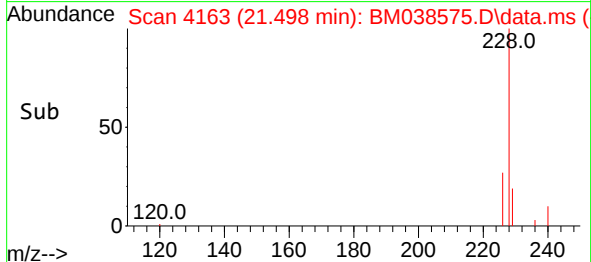
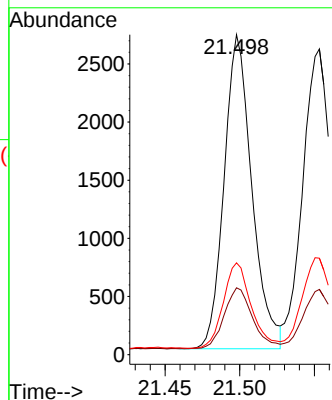
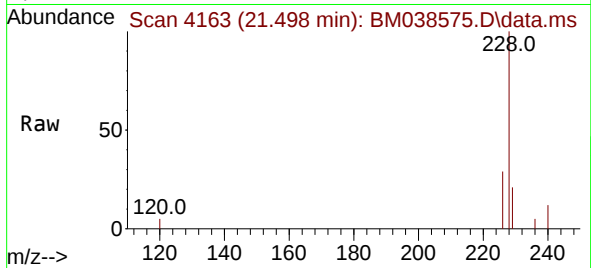




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

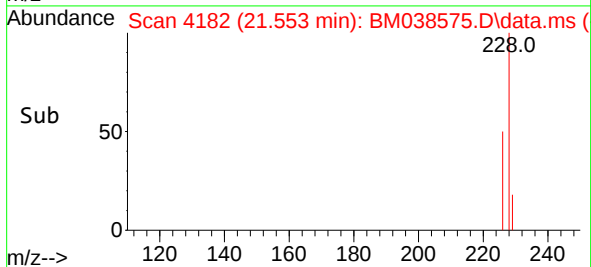
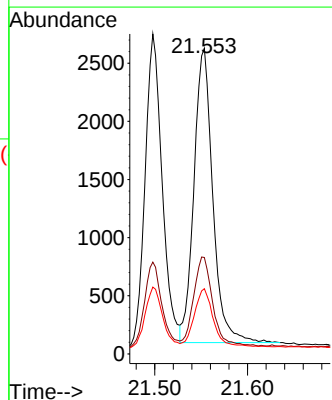
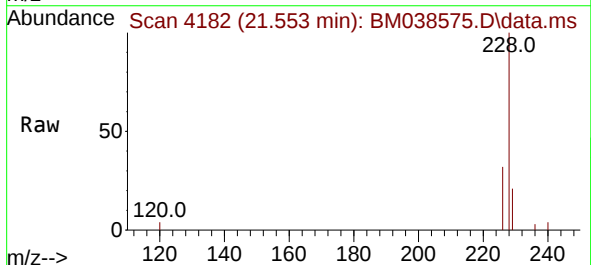
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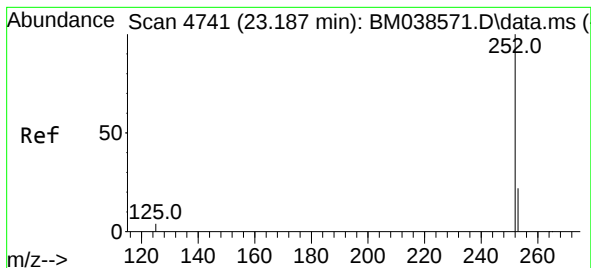
Tgt Ion:228 Resp: 3491
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 28.7 22.2 33.4



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:228 Resp: 3576
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 21.3 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 0.319 ng/ul

RT: 23.187 min Scan# 4741

Delta R.T. -0.003 min

Lab File: BM038575.D

Acq: 27 Jan 2023 08:16

Instrument :

BNA_M

ClientSampleId :

SLCS409

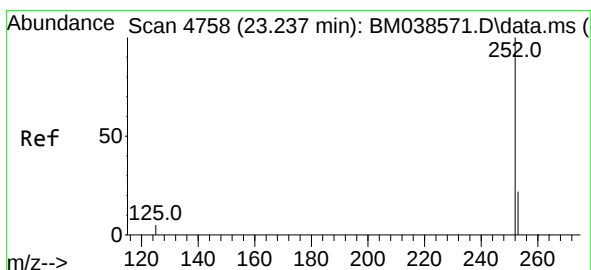
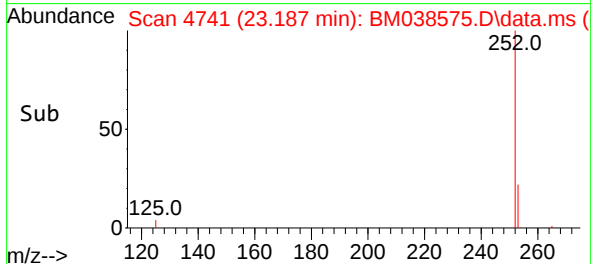
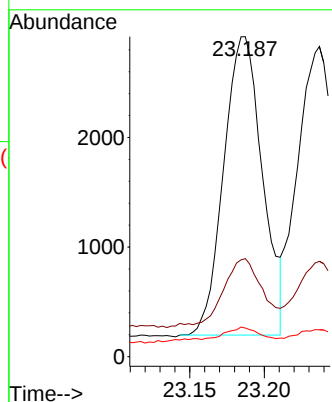
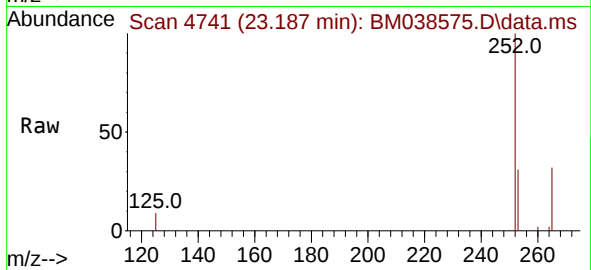
Tgt Ion:252 Resp: 4916

Ion Ratio Lower Upper

252 100

253 30.6 0.0 56.6

125 8.9 0.0 21.4



#25

Benzo(k)fluoranthene

Concen: 0.331 ng/ul

RT: 23.237 min Scan# 4758

Delta R.T. -0.003 min

Lab File: BM038575.D

Acq: 27 Jan 2023 08:16

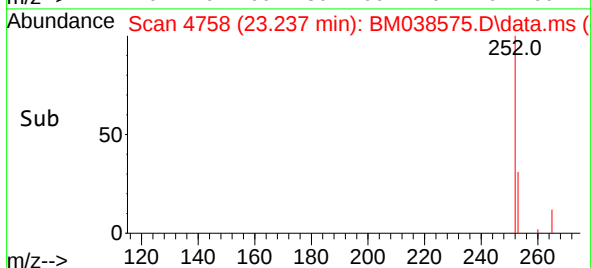
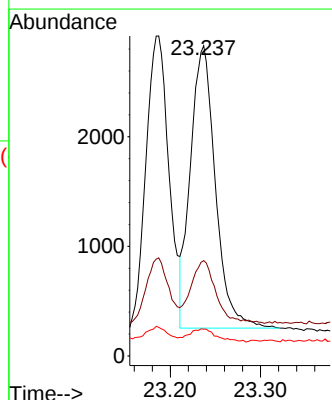
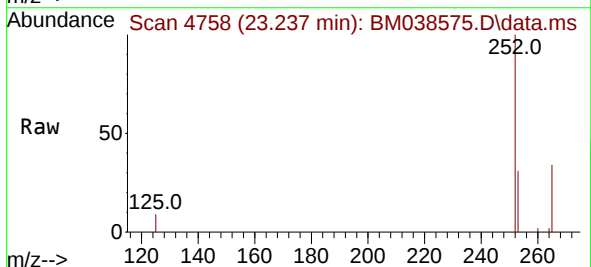
Tgt Ion:252 Resp: 4957

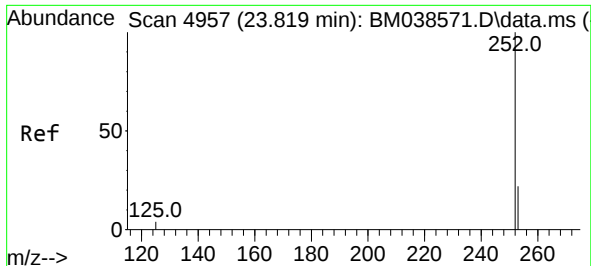
Ion Ratio Lower Upper

252 100

253 30.7 23.1 34.7

125 8.7 8.4 12.6

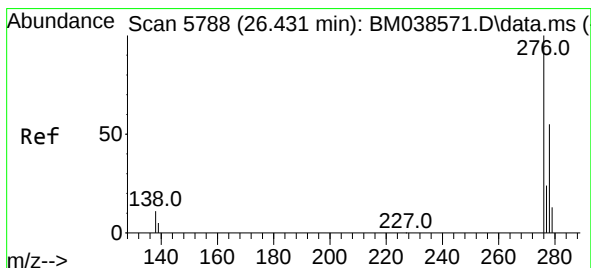
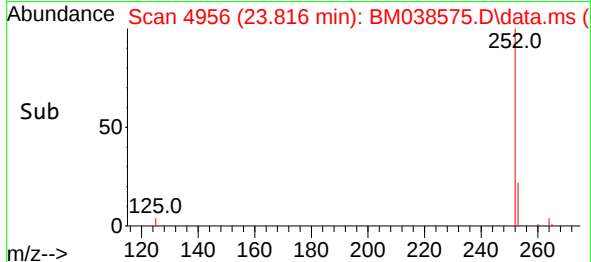
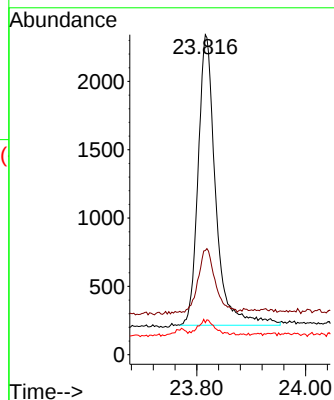
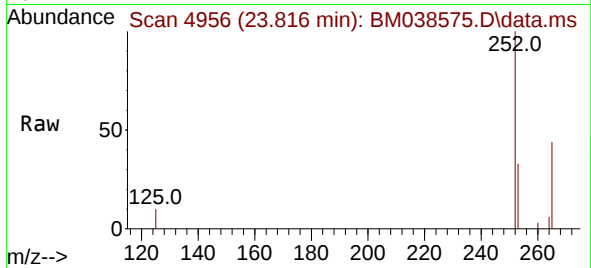




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.816 min Scan# 4956
Delta R.T. -0.006 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

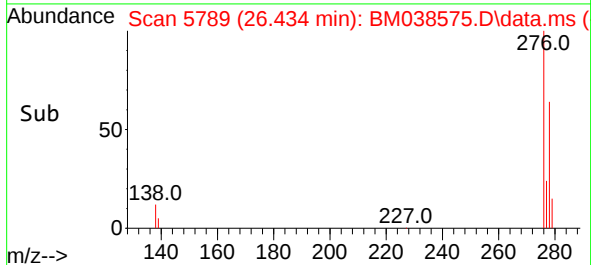
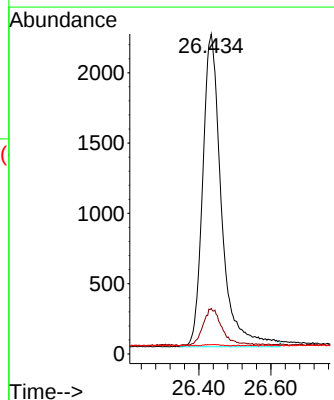
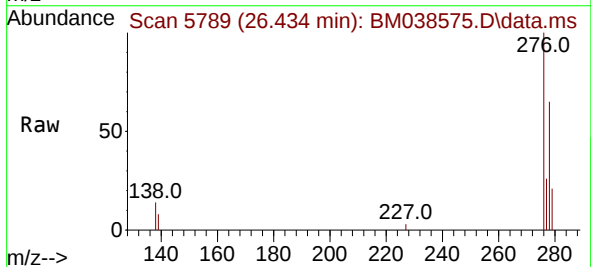
Instrument :
BNA_M
ClientSampleId :
SLCS409

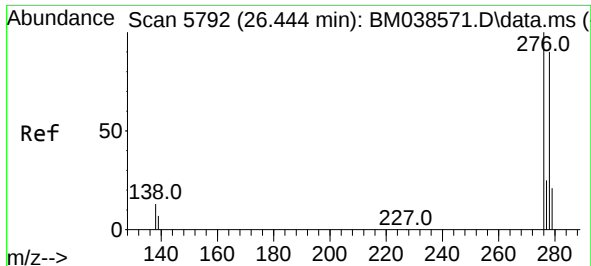
Tgt Ion:252 Resp: 4762
Ion Ratio Lower Upper
252 100
253 32.6 25.1 37.7
125 10.0 10.0 15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.434 min Scan# 5789
Delta R.T. -0.007 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:276 Resp: 8025
Ion Ratio Lower Upper
276 100
138 11.9 11.7 17.5
227 0.3 0.3 0.5

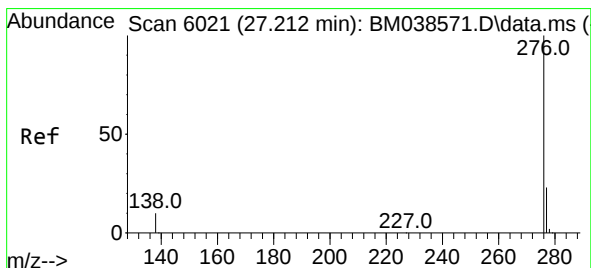
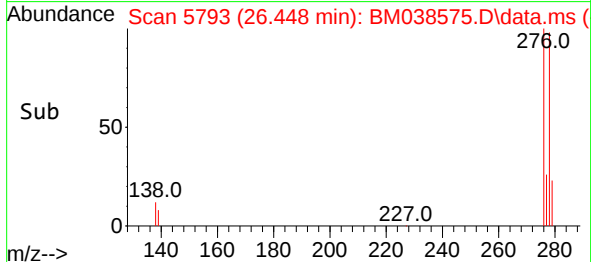
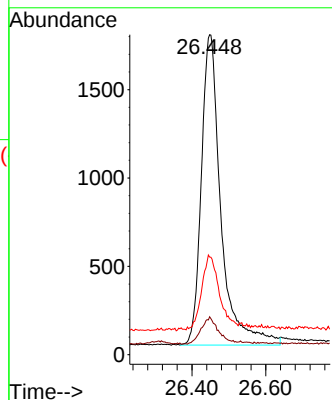
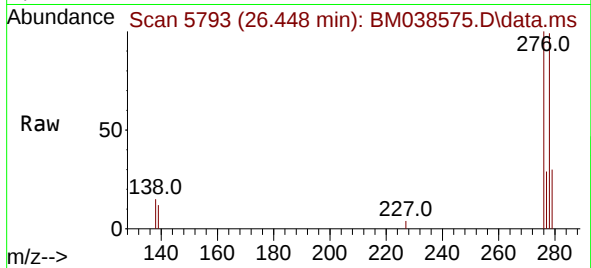




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.448 min Scan# 5792
Delta R.T. -0.010 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Instrument :
BNA_M
ClientSampleId :
SLCS409

Tgt Ion:278 Resp: 6478
Ion Ratio Lower Upper
278 100
139 11.9 9.8 14.8
279 30.5 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.209 min Scan# 6020
Delta R.T. -0.010 min
Lab File: BM038575.D
Acq: 27 Jan 2023 08:16

Tgt Ion:276 Resp: 7248
Ion Ratio Lower Upper
276 100
138 13.3 12.6 19.0
277 26.3 20.5 30.7

