

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
 Data File : BM038707.D
 Acq On : 07 Feb 2023 14:25
 Operator : CG/JU
 Sample : SST03.233
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST03.2048

Quant Time: Feb 07 14:55:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:23:48 2023
 Response via : Initial Calibration

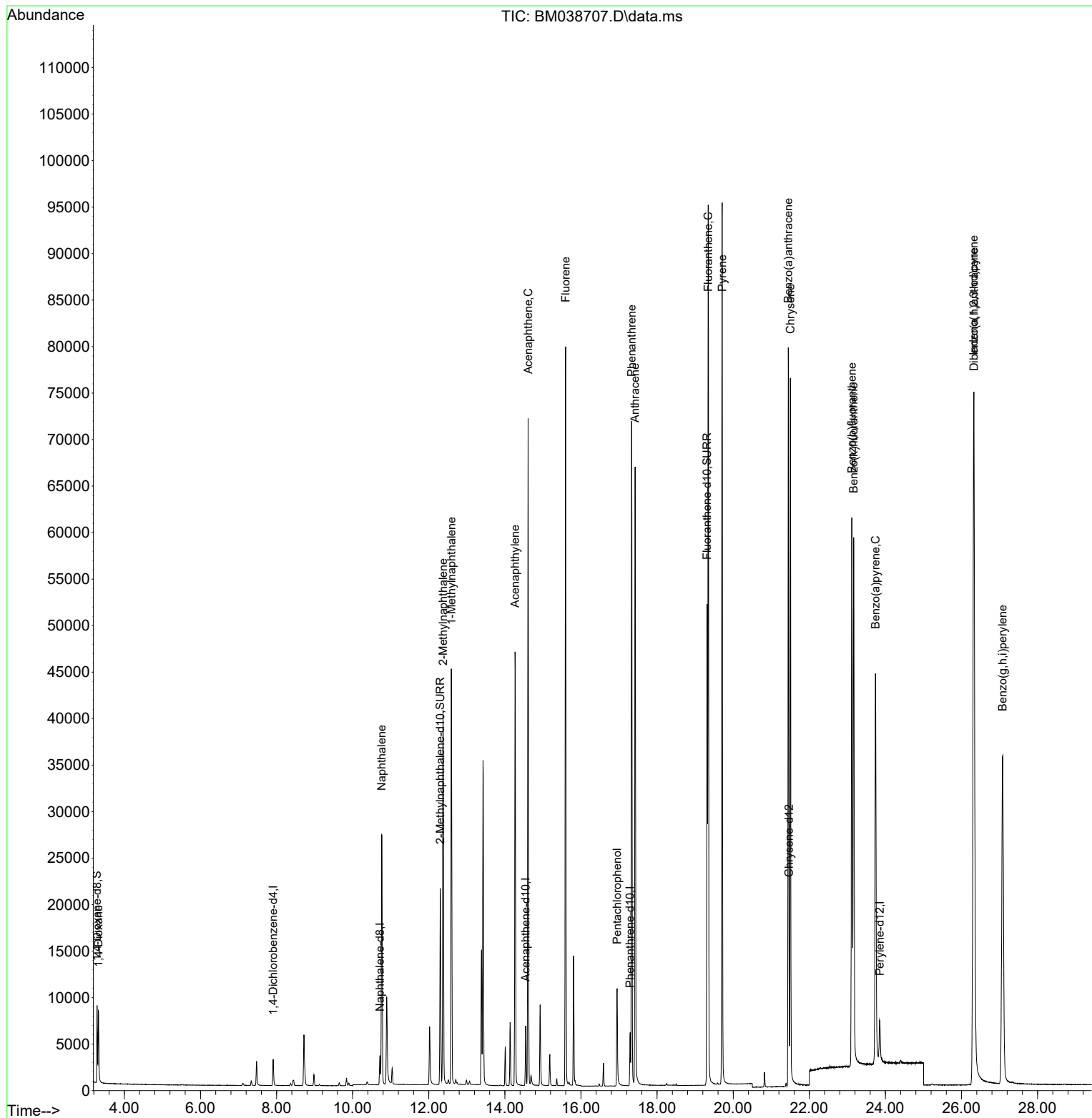
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1664	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	4400	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	3463	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7105	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	5914	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	6405	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	5658	3.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	27508	3.604	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	59349	3.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	5526	3.324	ng/ul#	87
5) Naphthalene	10.762	128	36932	3.427	ng/ul	97
7) 2-Methylnaphthalene	12.374	142	28158	3.651	ng/ul	99
8) 1-Methylnaphthalene	12.594	142	30014	3.807	ng/ul	99
10) Acenaphthylene	14.268	152	51034	3.458	ng/ul	98
11) Acenaphthene	14.610	153	38346	3.419	ng/ul	98
12) Fluorene	15.596	166	47213	3.525	ng/ul	98
14) Pentachlorophenol	16.949	266	7647	4.100	ng/ul	97
15) Phenanthrene	17.333	178	72888	3.435	ng/ul	98
16) Anthracene	17.421	178	72527	3.718	ng/ul	97
19) Fluoranthene	19.343	202	81134	3.468	ng/ul	98
20) Pyrene	19.710	202	84710	3.387	ng/ul	97
21) Benzo(a)anthracene	21.448	228	64747	3.271	ng/ul	97
22) Chrysene	21.504	228	64202	3.102	ng/ul	98
24) Benzo(b)fluoranthene	23.117	252	75214	3.257	ng/ul	89
25) Benzo(k)fluoranthene	23.164	252	77279	3.368	ng/ul#	88
26) Benzo(a)pyrene	23.740	252	67902	3.283	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.320	276	96032	2.980	ng/ul	97
28) Dibenzo(a,h)anthracene	26.327	278	77089	3.046	ng/ul	91
29) Benzo(g,h,i)perylene	27.082	276	81718	2.837	ng/ul	96

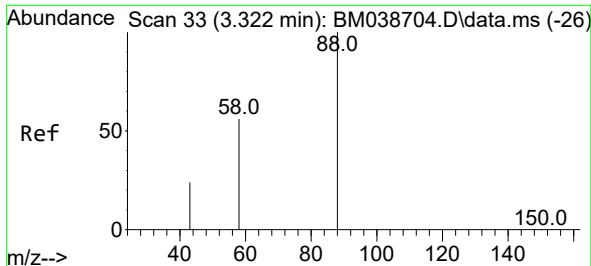
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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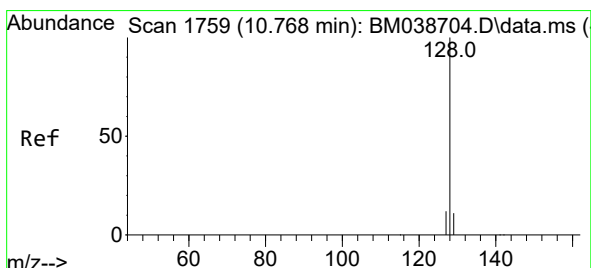
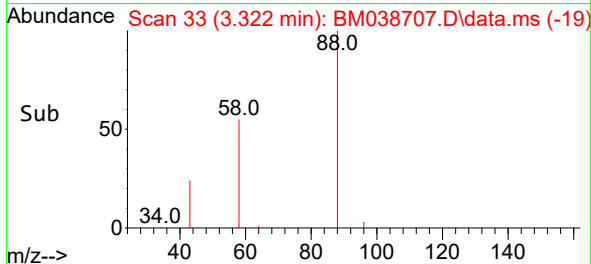
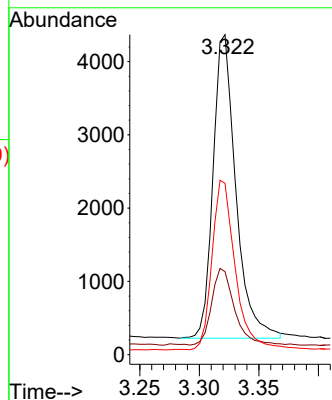
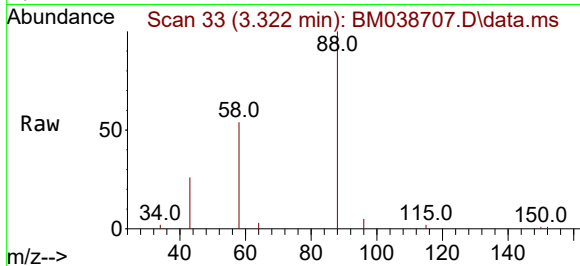




#2
1,4-Dioxane
Concen: 3.324 ng/ul
RT: 3.322 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

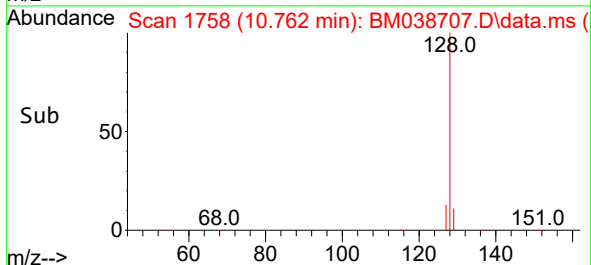
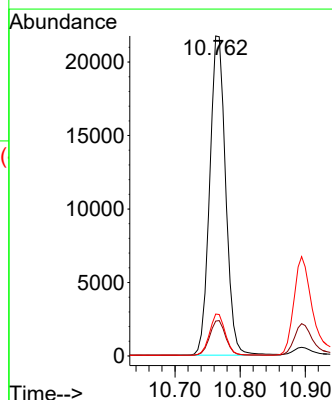
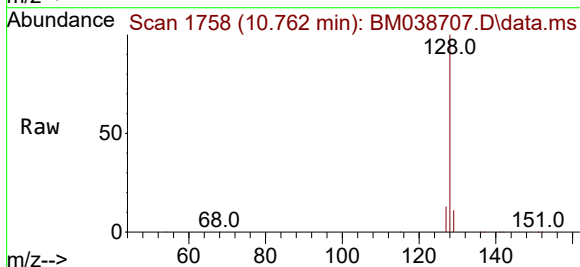
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

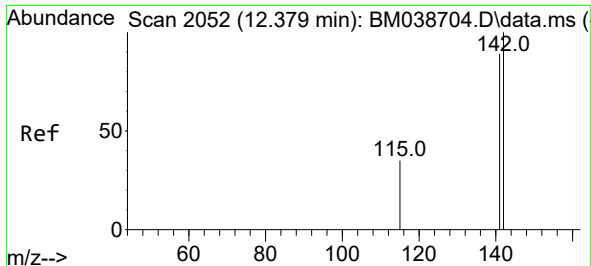
Tgt Ion: 88 Resp: 5526
Ion Ratio Lower Upper
88 100
43 26.0 28.4 42.6#
58 53.6 37.7 56.5



#5
Naphthalene
Concen: 3.427 ng/ul
RT: 10.762 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion: 128 Resp: 36932
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.4
127 13.1 11.2 16.8

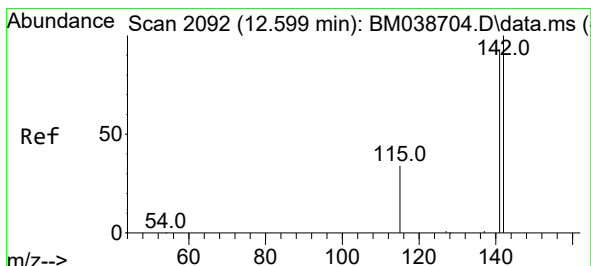
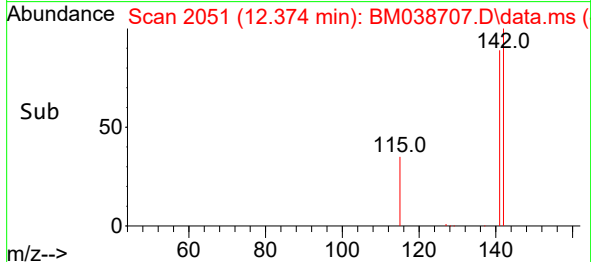
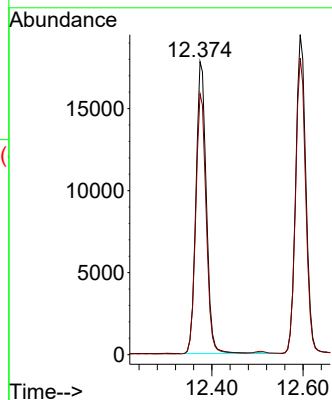
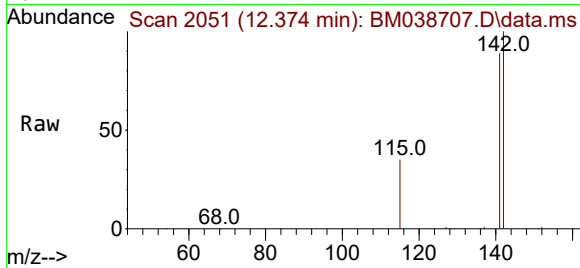




#7
2-Methylnaphthalene
Concen: 3.651 ng/ul
RT: 12.374 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

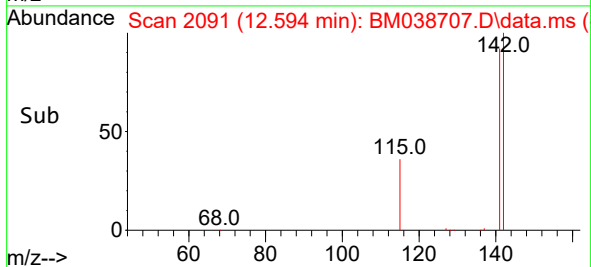
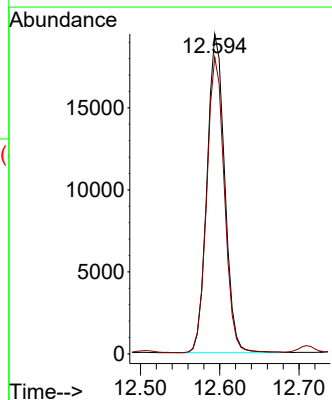
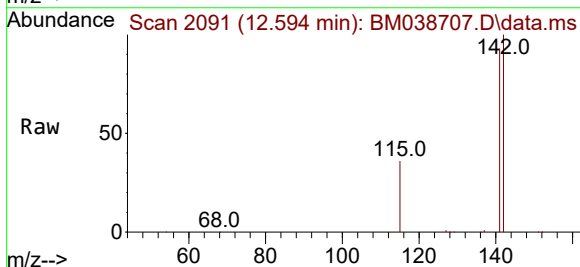
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

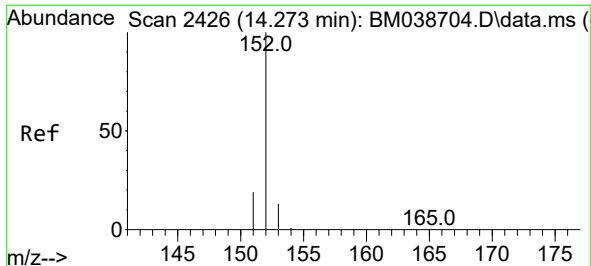
Tgt Ion:142 Resp: 28158
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 3.807 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion:142 Resp: 30014
Ion Ratio Lower Upper
142 100
141 92.7 74.6 112.0

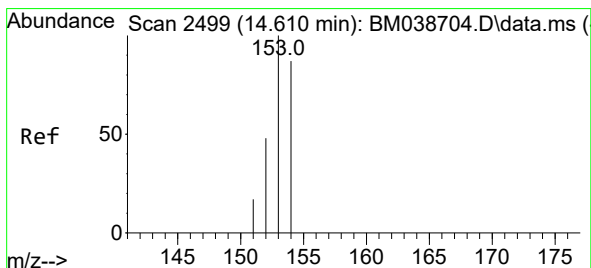
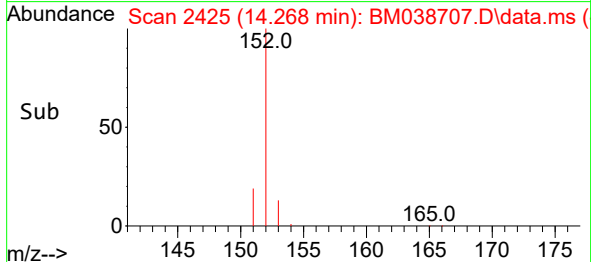
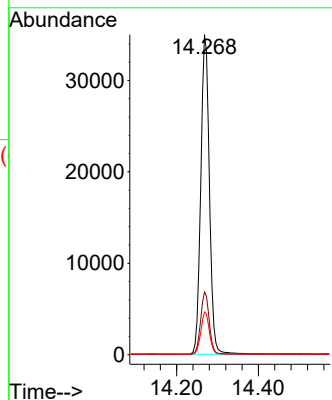
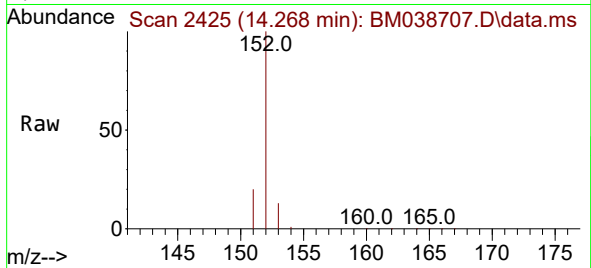




#10
Acenaphthylene
Concen: 3.458 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

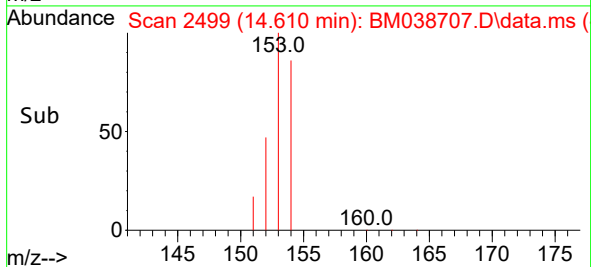
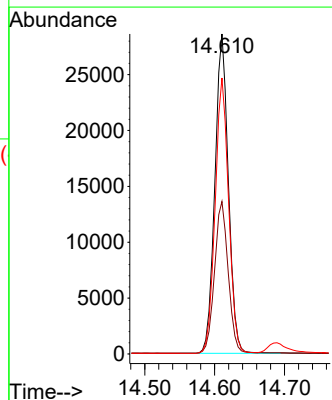
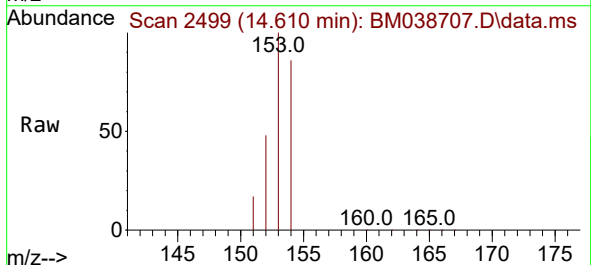
Instrument :
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ClientSampleId :
SSTD3.2048

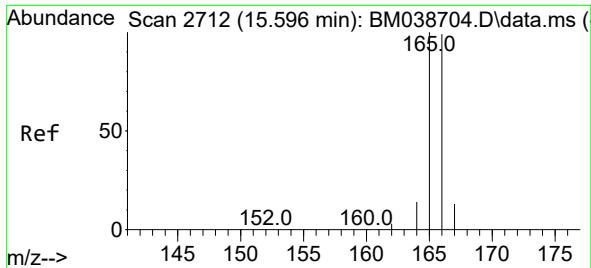
Tgt Ion:152 Resp: 51034
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7
153 13.4 11.2 16.8



#11
Acenaphthene
Concen: 3.419 ng/ul
RT: 14.610 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion:153 Resp: 38346
Ion Ratio Lower Upper
153 100
152 47.6 39.6 59.4
154 86.3 69.6 104.4

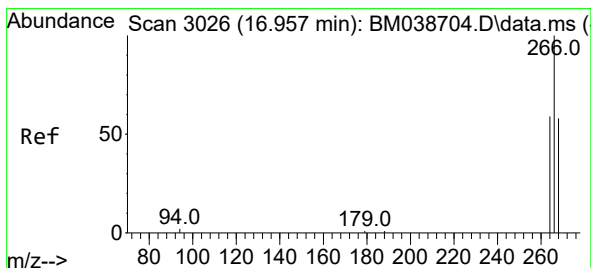
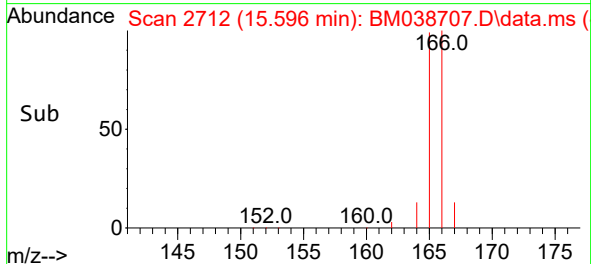
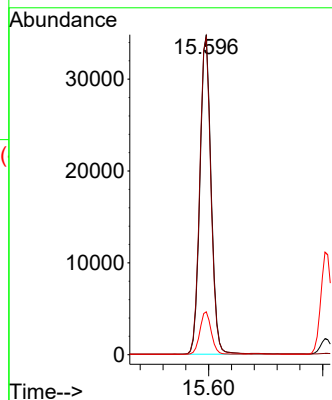
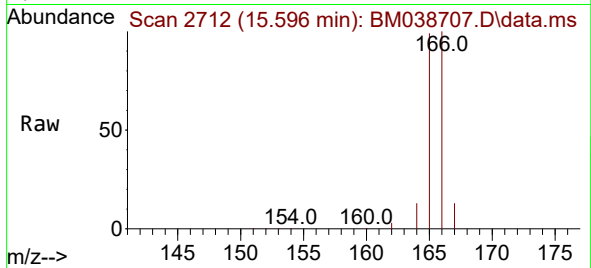




#12
Fluorene
Concen: 3.525 ng/ul
RT: 15.596 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

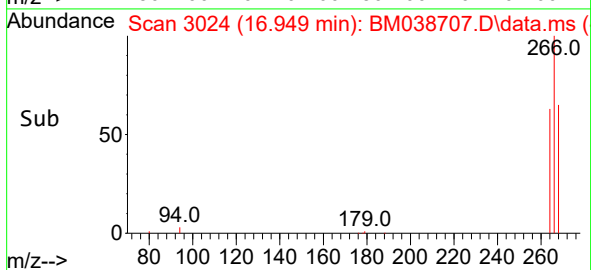
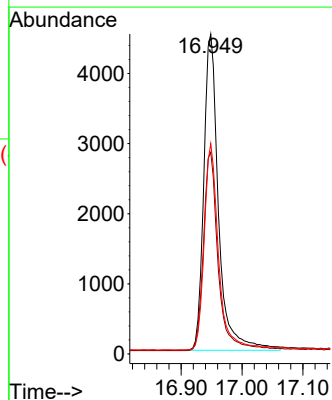
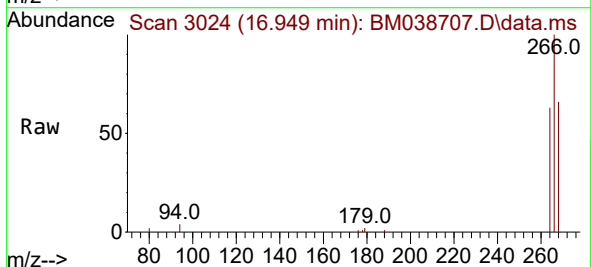
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ClientSampleId :
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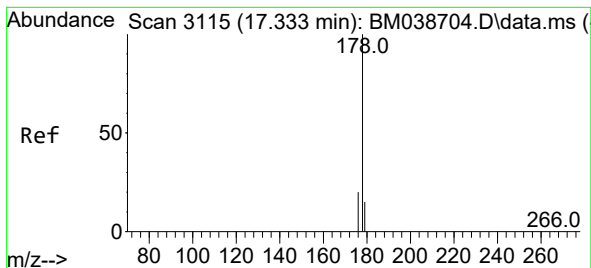
Tgt Ion:166 Resp: 47213
Ion Ratio Lower Upper
166 100
165 99.2 80.7 121.1
167 13.4 11.8 17.6



#14
Pentachlorophenol
Concen: 4.100 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.009 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion:266 Resp: 7647
Ion Ratio Lower Upper
266 100
264 62.7 47.3 70.9
268 64.2 50.9 76.3





#15

Phenanthrene

Concen: 3.435 ng/ul

RT: 17.333 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM038707.D

Acq: 07 Feb 2023 14:25

Instrument :

BNA_M

ClientSampleId :

SSTD3.2048

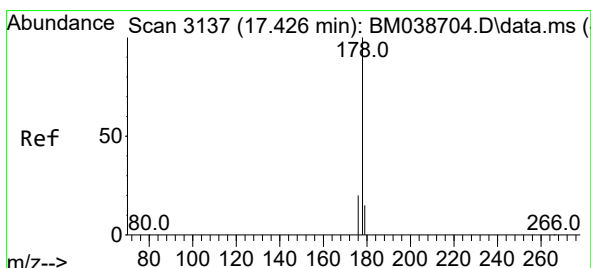
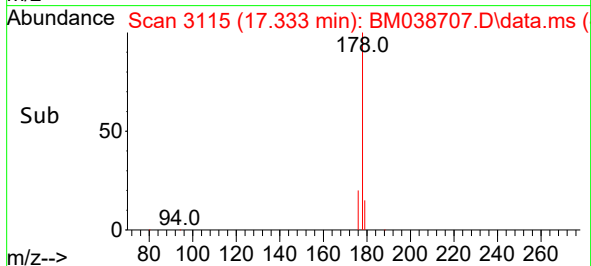
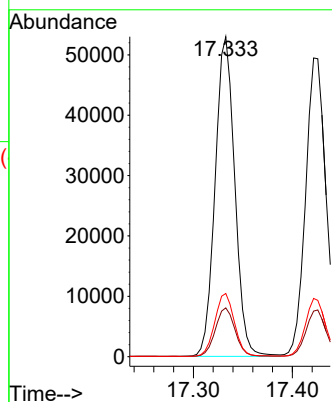
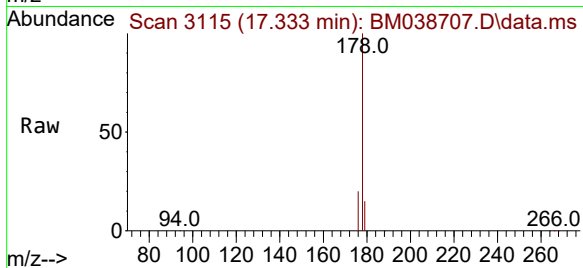
Tgt Ion:178 Resp: 72888

Ion Ratio Lower Upper

178 100

179 15.3 13.0 19.6

176 19.8 16.5 24.7



#16

Anthracene

Concen: 3.718 ng/ul

RT: 17.421 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BM038707.D

Acq: 07 Feb 2023 14:25

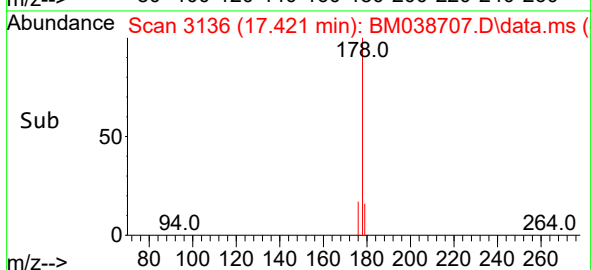
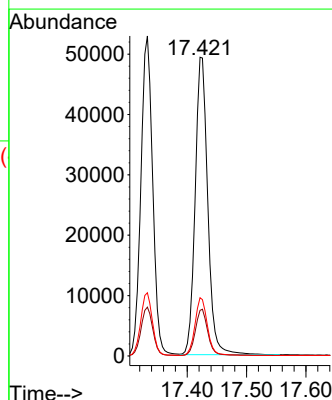
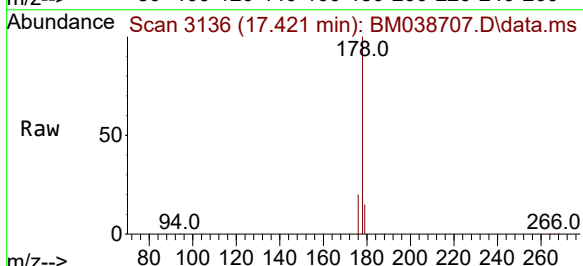
Tgt Ion:178 Resp: 72527

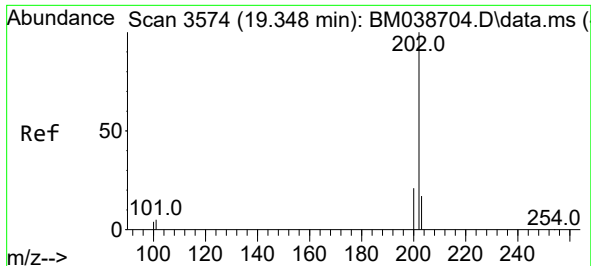
Ion Ratio Lower Upper

178 100

179 15.3 13.2 19.8

176 19.5 16.6 24.8

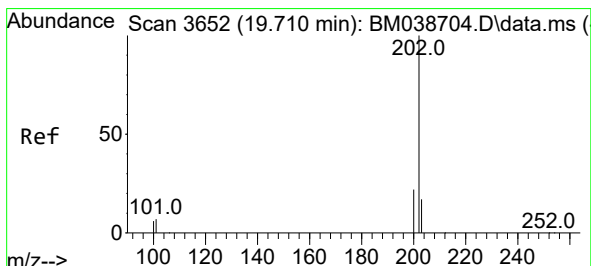
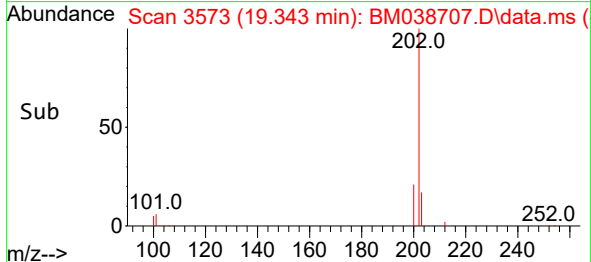
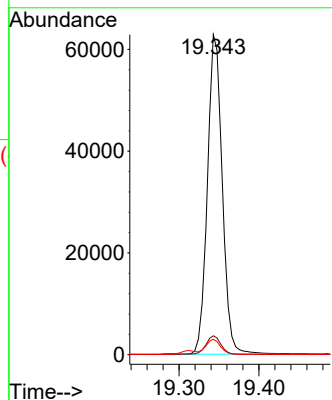
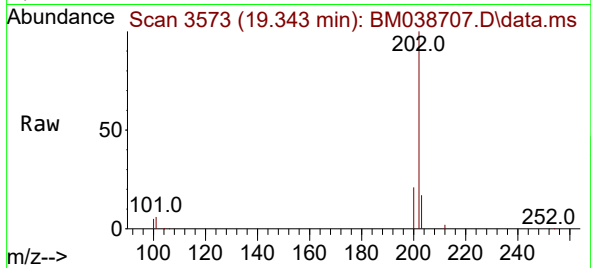




#19
Fluoranthene
Concen: 3.468 ng/ul
RT: 19.343 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

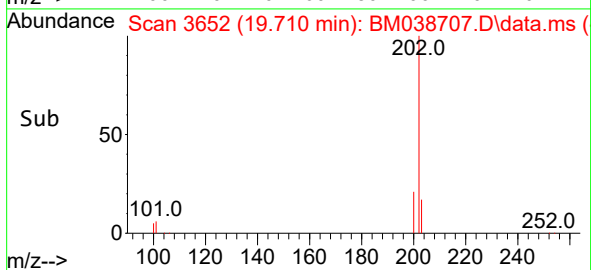
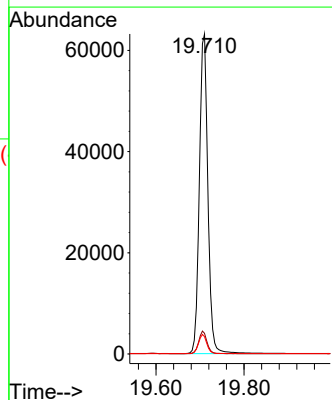
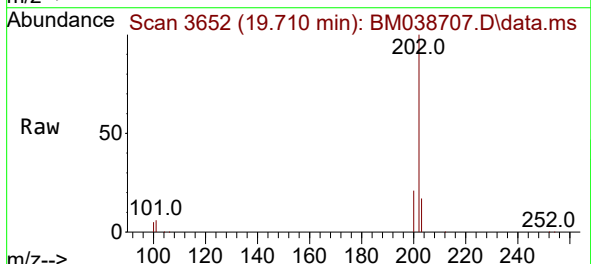
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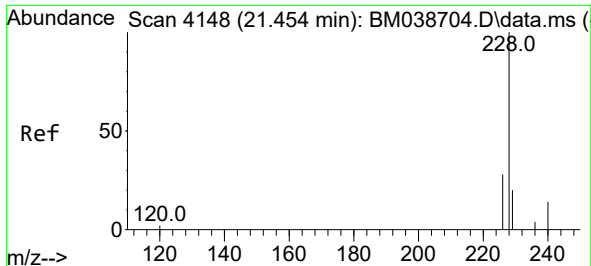
Tgt Ion:202 Resp: 81134
Ion Ratio Lower Upper
202 100
101 5.9 5.0 7.6
100 4.8 4.6 6.8



#20
Pyrene
Concen: 3.387 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.000 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion:202 Resp: 84710
Ion Ratio Lower Upper
202 100
101 6.4 6.2 9.2
100 5.4 5.2 7.8

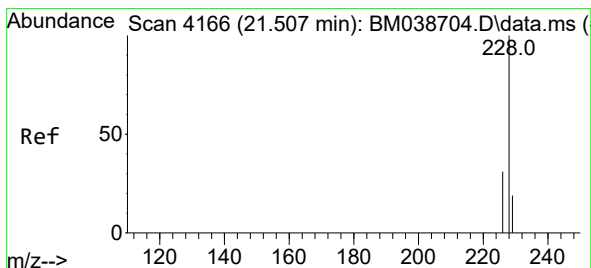
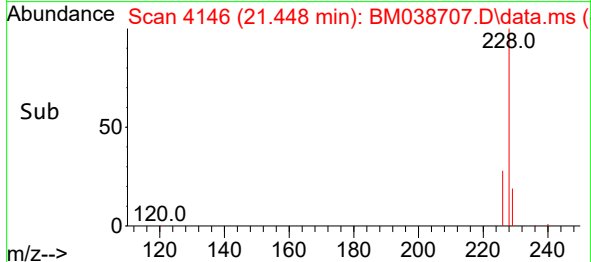
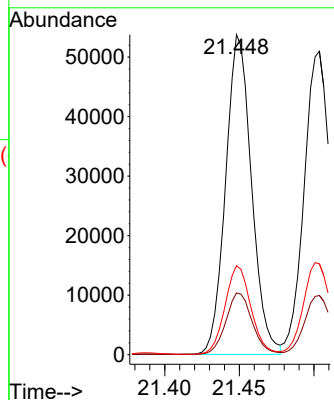
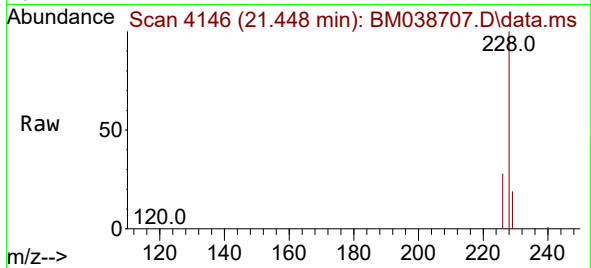




#21
Benzo(a)anthracene
Concen: 3.271 ng/ul
RT: 21.448 min Scan# 4148
Delta R.T. -0.006 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

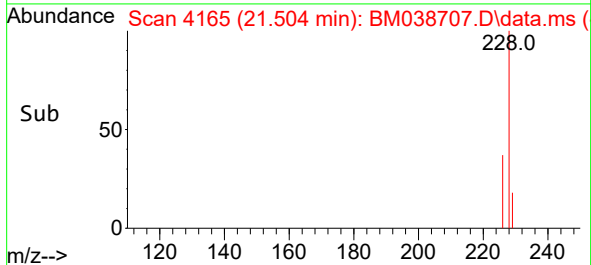
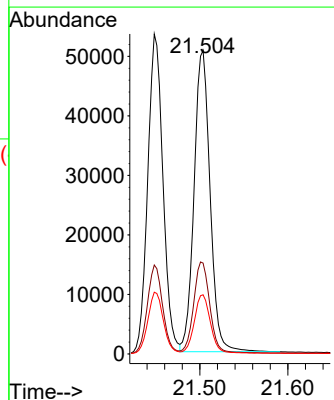
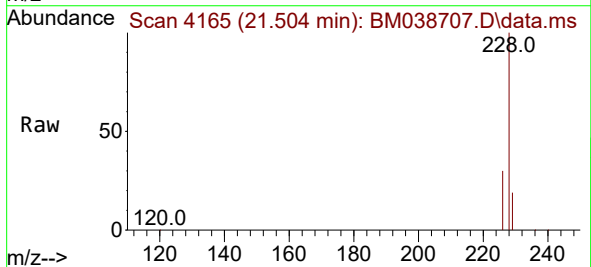
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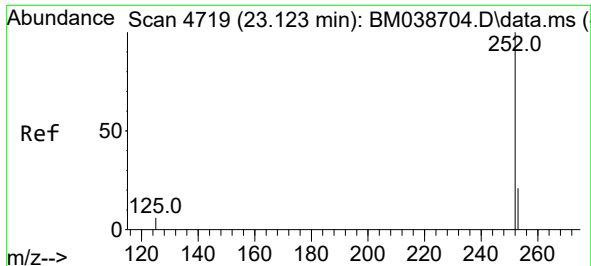
Tgt Ion:228 Resp: 64747
Ion Ratio Lower Upper
228 100
229 19.3 17.0 25.6
226 27.8 23.0 34.6



#22
Chrysene
Concen: 3.102 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

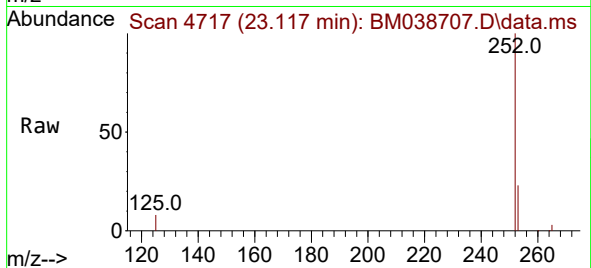
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Ion Ratio Lower Upper
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226 30.0 25.4 38.0
229 19.5 16.0 24.0



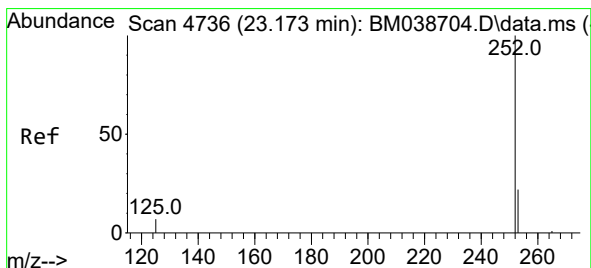
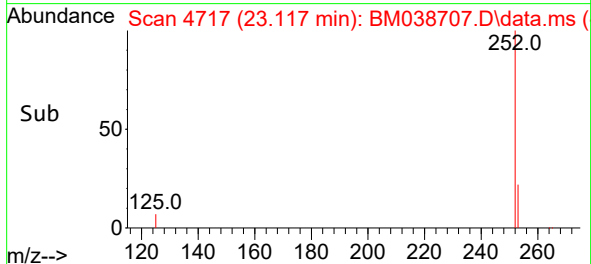
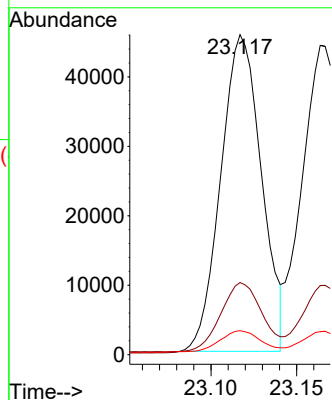


#24
Benzo(b)fluoranthene
Concen: 3.257 ng/ul
RT: 23.117 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

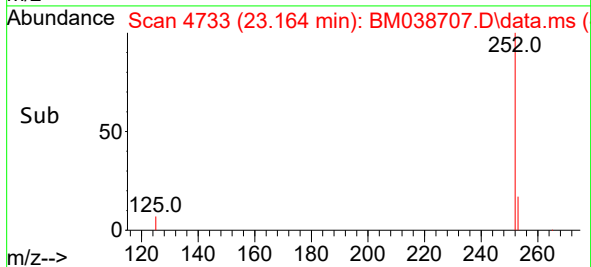
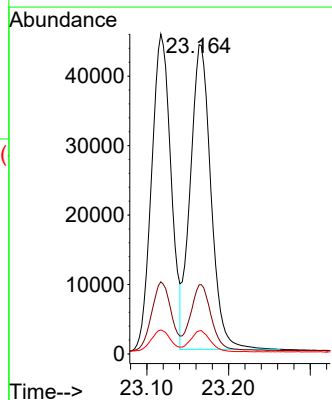
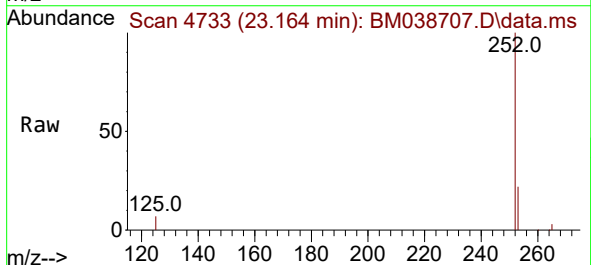


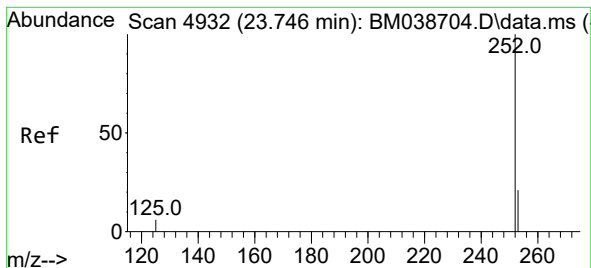
Tgt Ion:252 Resp: 75214
Ion Ratio Lower Upper
252 100
253 22.5 0.0 56.4
125 7.5 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 3.368 ng/ul
RT: 23.164 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion:252 Resp: 77279
Ion Ratio Lower Upper
252 100
253 22.4 23.0 34.6#
125 7.5 9.4 14.0#





#26

Benzo(a)pyrene

Concen: 3.283 ng/ul

RT: 23.740 min Scan# 4932

Delta R.T. -0.006 min

Lab File: BM038707.D

Acq: 07 Feb 2023 14:25

Instrument :

BNA_M

ClientSampleId :

SSTD3.2048

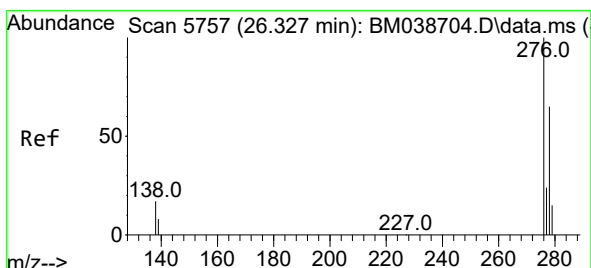
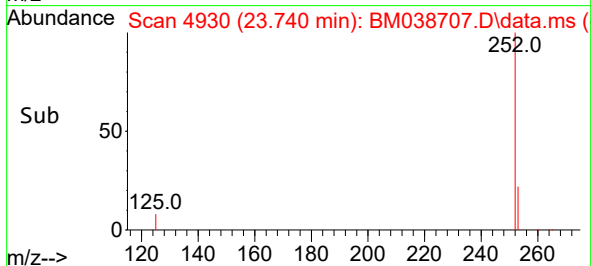
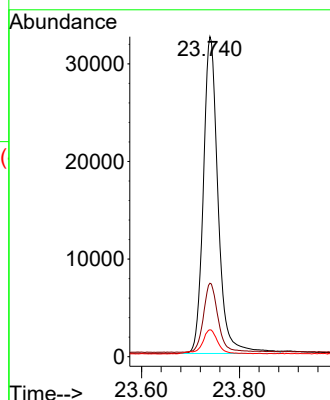
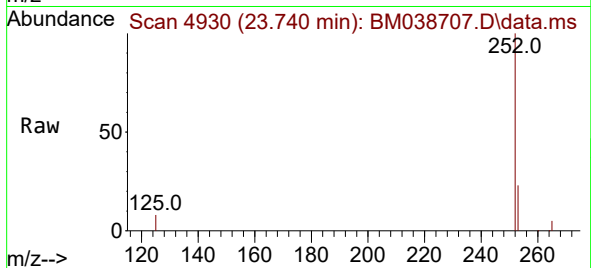
Tgt Ion:252 Resp: 67902

Ion Ratio Lower Upper

252 100

253 23.0 25.2 37.8#

125 8.4 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.980 ng/ul

RT: 26.320 min Scan# 5755

Delta R.T. -0.007 min

Lab File: BM038707.D

Acq: 07 Feb 2023 14:25

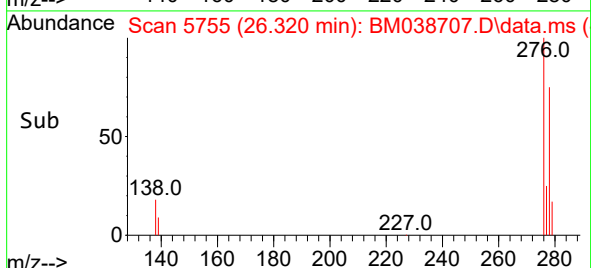
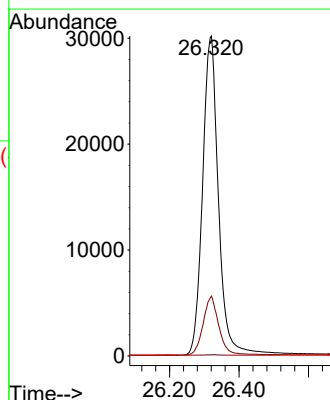
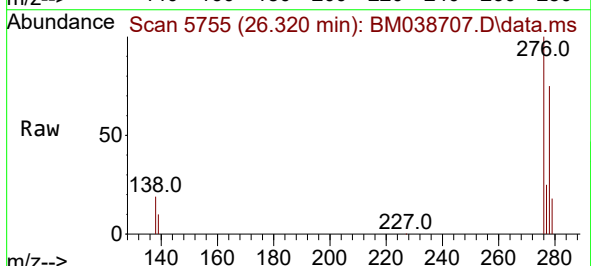
Tgt Ion:276 Resp: 96032

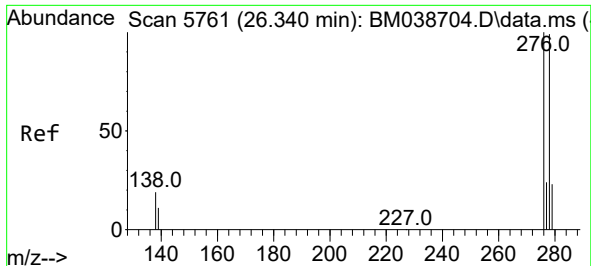
Ion Ratio Lower Upper

276 100

138 18.3 13.5 20.3

227 0.2 0.2 0.2

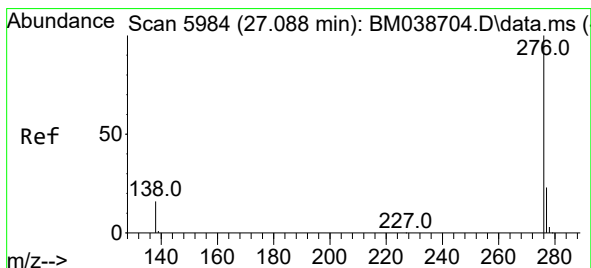
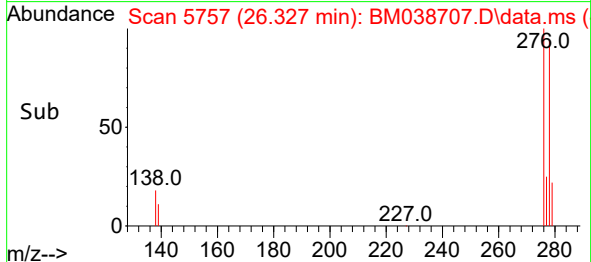
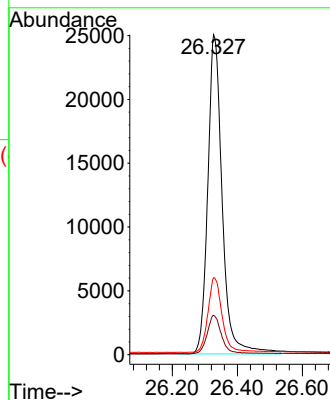
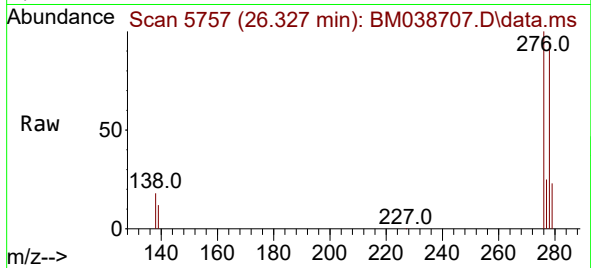




#28
Dibenzo(a,h)anthracene
Concen: 3.046 ng/ul
RT: 26.327 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:278 Resp: 77089
Ion Ratio Lower Upper
278 100
139 12.3 11.2 16.8
279 24.0 23.8 35.8



#29
Benzo(g,h,i)perylene
Concen: 2.837 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.007 min
Lab File: BM038707.D
Acq: 07 Feb 2023 14:25

Tgt Ion:276 Resp: 81718
Ion Ratio Lower Upper
276 100
138 16.1 14.5 21.7
277 23.7 20.5 30.7

