

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046665.D
 Acq On : 17 Jul 2024 11:24
 Operator : MA/JU
 Sample : PB161915BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS915

Quant Time: Jul 17 12:21:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

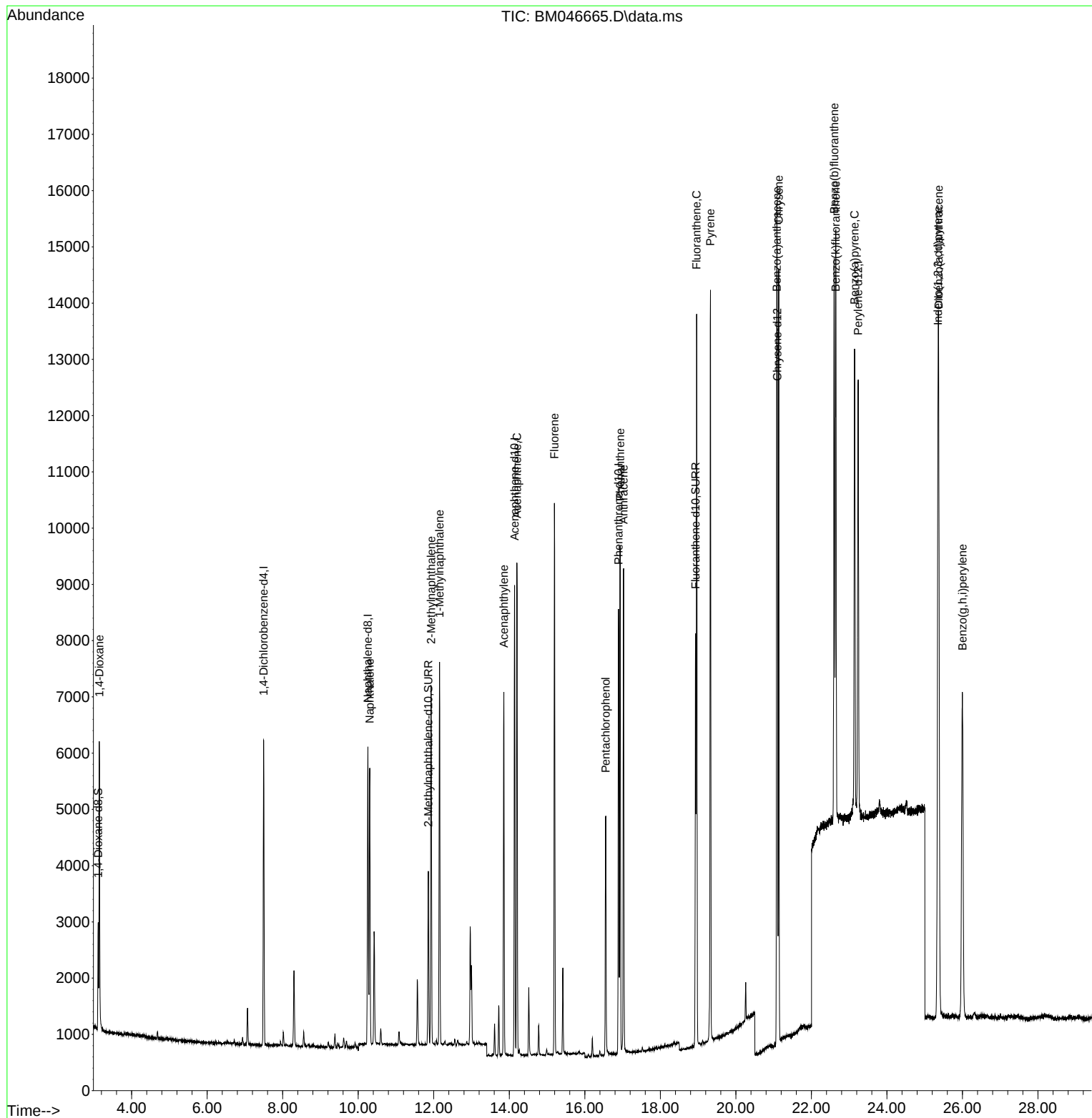
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	2672	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.255	136	7167	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	4569	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	9781	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	7793	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	9380	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1140	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	3924	0.340	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	8532	0.360	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.143	88	3165	1.351	ng/ul#	71
5) Naphthalene	10.304	128	6360	0.349	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	4502	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.152	142	4488	0.343	ng/ul	99
10) Acenaphthylene	13.854	152	7130	0.343	ng/ul	98
11) Acenaphthene	14.201	153	4984	0.358	ng/ul	98
12) Fluorene	15.196	166	5812	0.337	ng/ul	97
14) Pentachlorophenol	16.550	266	2804	0.566	ng/ul	100
15) Phenanthrene	16.934	178	9401	0.337	ng/ul	99
16) Anthracene	17.027	178	9080	0.333	ng/ul	99
19) Fluoranthene	18.960	202	11348	0.355	ng/ul#	98
20) Pyrene	19.327	202	11958	0.345	ng/ul	99
21) Benzo(a)anthracene	21.084	228	11294	0.328	ng/ul	99
22) Chrysene	21.134	228	10839	0.325	ng/ul	99
24) Benzo(b)fluoranthene	22.604	252	12383	0.331	ng/ul	99
25) Benzo(k)fluoranthene	22.645	252	12214	0.332	ng/ul	98
26) Benzo(a)pyrene	23.142	252	11280	0.366	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.353	276	15698	0.335	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	12277	0.330	ng/ul	99
29) Benzo(g,h,i)perylene	26.000	276	12290	0.328	ng/ul	99

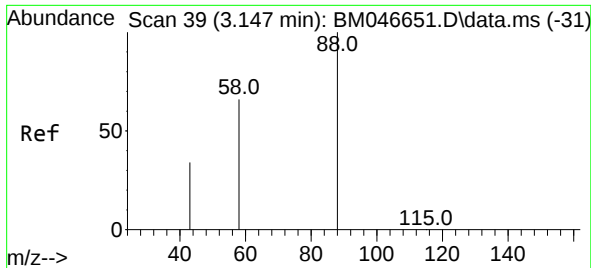
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 12:21:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

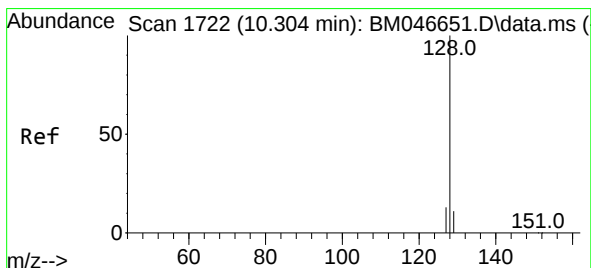
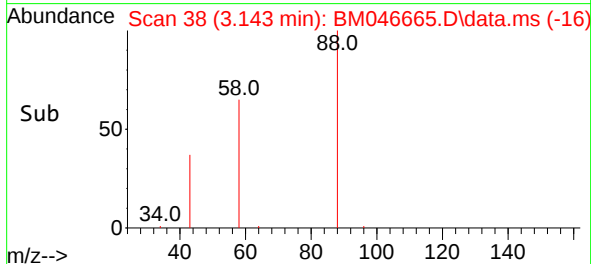
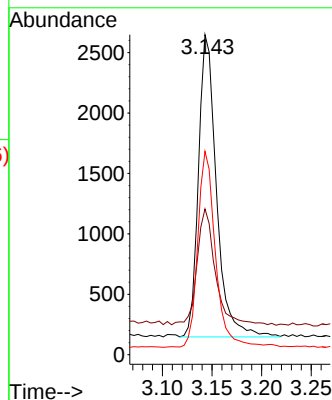
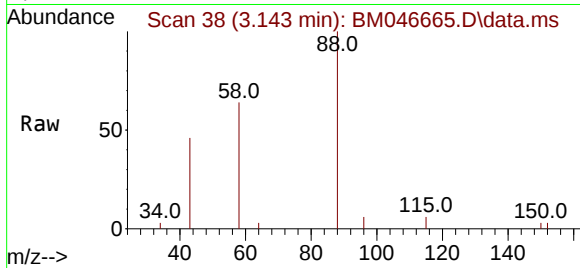




#2
1,4-Dioxane
Concen: 1.351 ng/ul
RT: 3.143 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

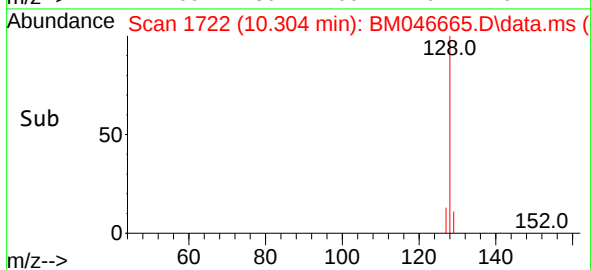
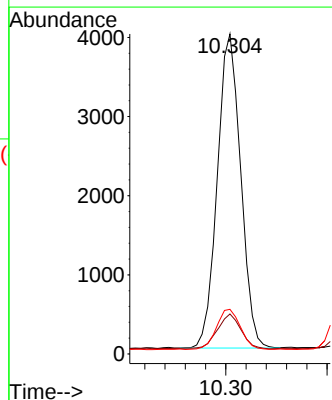
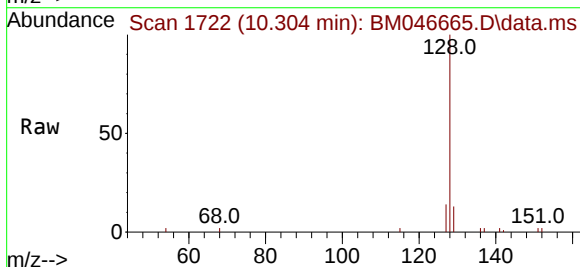
Instrument :
BNA_M
ClientSampleId :
SLCS915

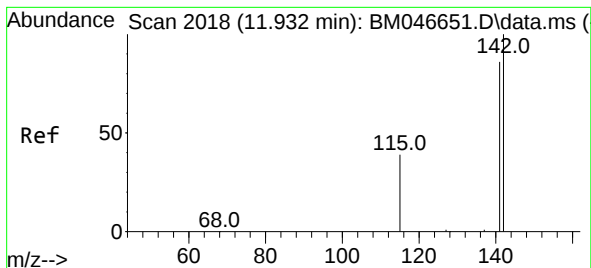
Tgt Ion: 88 Resp: 3165
Ion Ratio Lower Upper
88 100
43 45.6 70.2 105.4#
58 63.6 48.2 72.4



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Tgt Ion: 128 Resp: 6360
Ion Ratio Lower Upper
128 100
129 12.5 10.3 15.5
127 13.9 12.2 18.4

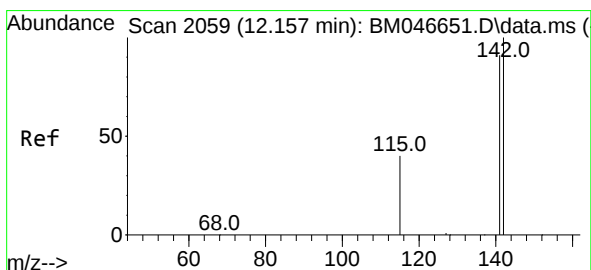
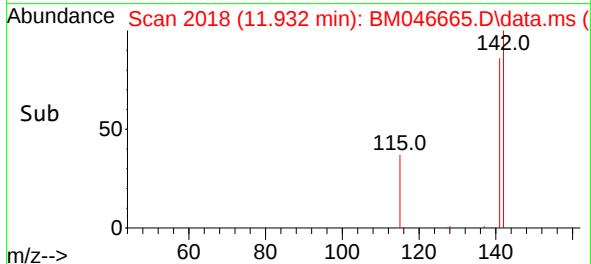
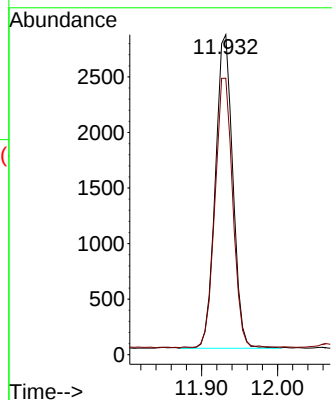
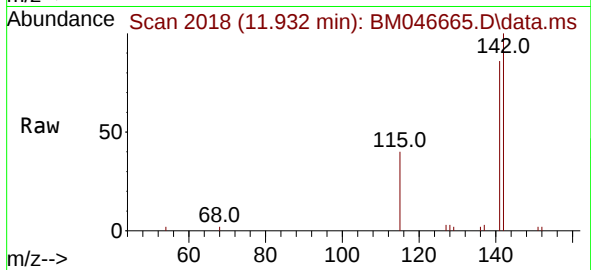




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

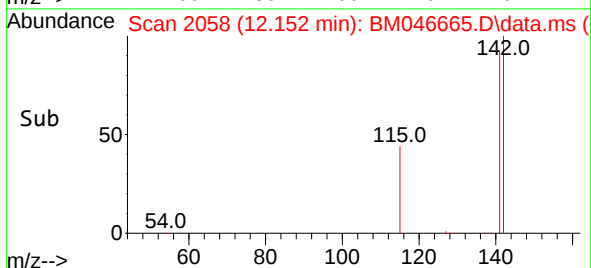
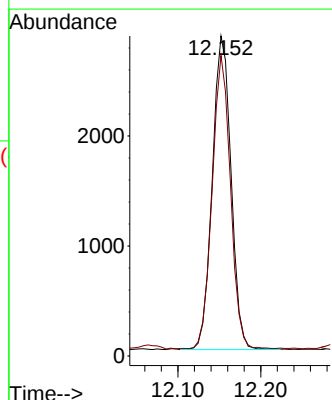
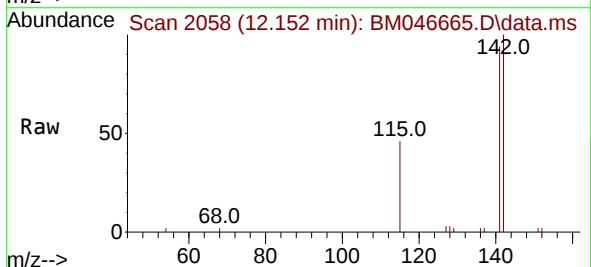
Instrument :
BNA_M
ClientSampleId :
SLCS915

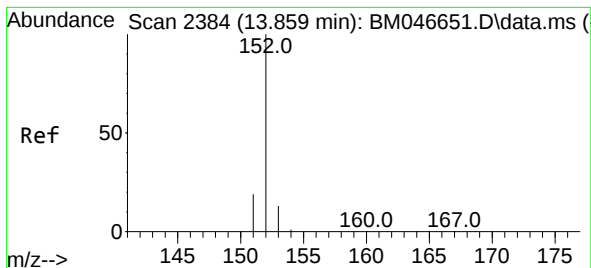
Tgt Ion:142 Resp: 4502
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Tgt Ion:142 Resp: 4488
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9





#10

Acenaphthylene

Concen: 0.343 ng/ul

RT: 13.854 min Scan# 21

Delta R.T. -0.010 min

Lab File: BM046665.D

Acq: 17 Jul 2024 11:24

Instrument :

BNA_M

ClientSampleId :

SLCS915

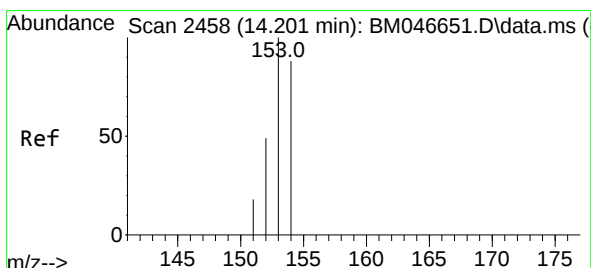
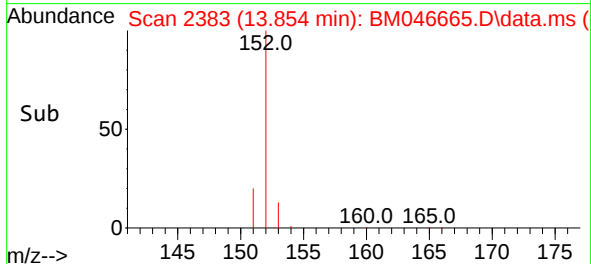
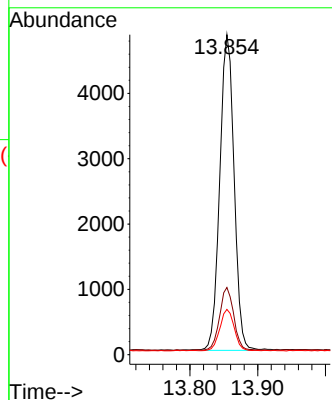
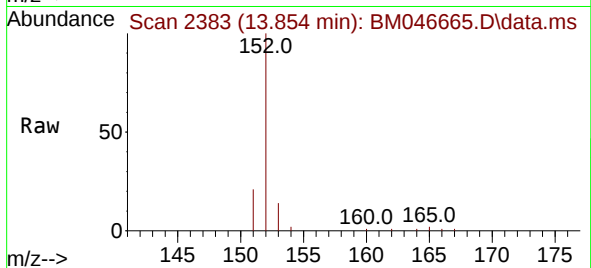
Tgt Ion:152 Resp: 7130

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.1 12.4 18.6



#11

Acenaphthene

Concen: 0.358 ng/ul

RT: 14.201 min Scan# 2458

Delta R.T. -0.010 min

Lab File: BM046665.D

Acq: 17 Jul 2024 11:24

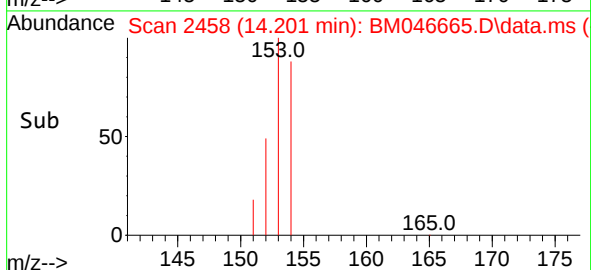
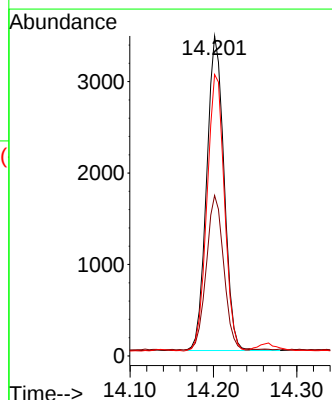
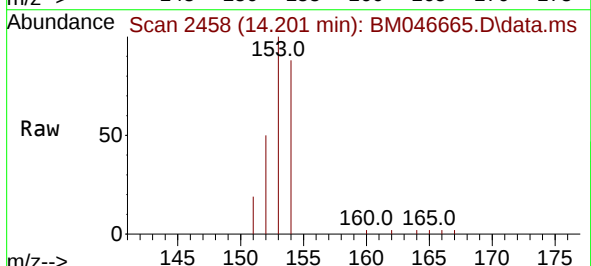
Tgt Ion:153 Resp: 4984

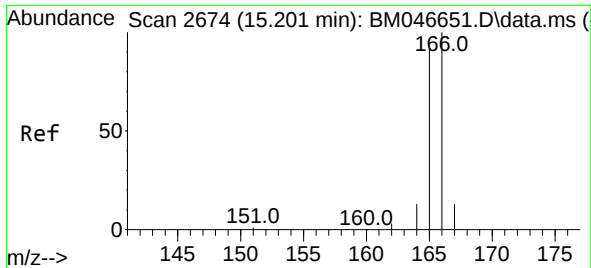
Ion Ratio Lower Upper

153 100

152 50.2 43.0 64.6

154 87.9 69.9 104.9

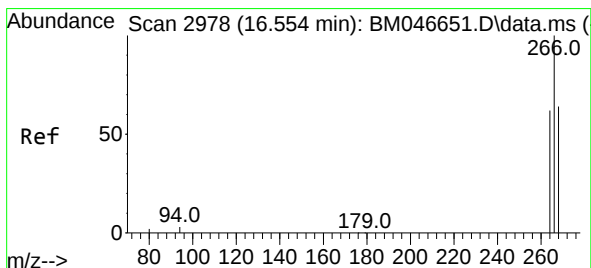
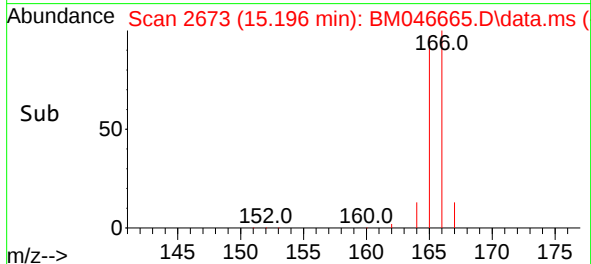
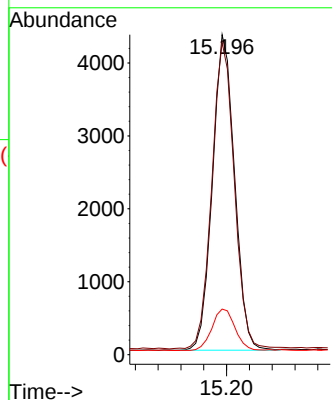
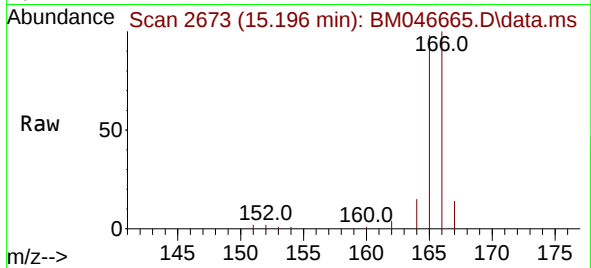




#12
 Fluorene
 Concen: 0.337 ng/ul
 RT: 15.196 min Scan# 2
 Delta R.T. -0.010 min
 Lab File: BM046665.D
 Acq: 17 Jul 2024 11:24

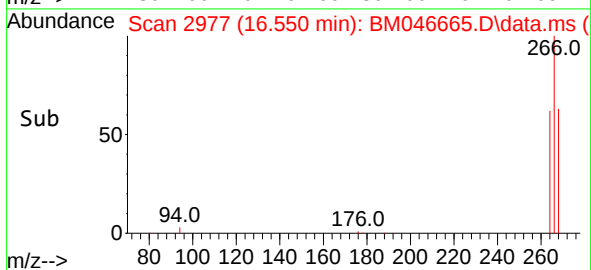
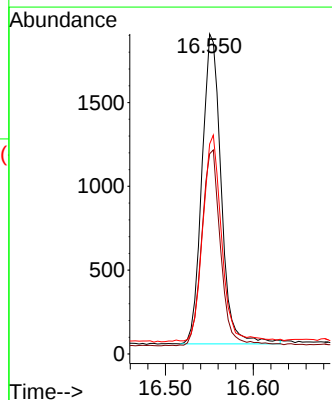
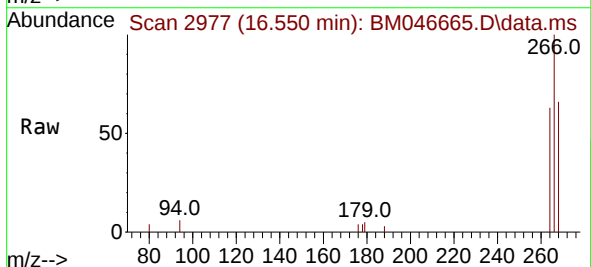
Instrument :
 BNA_M
 ClientSampleId :
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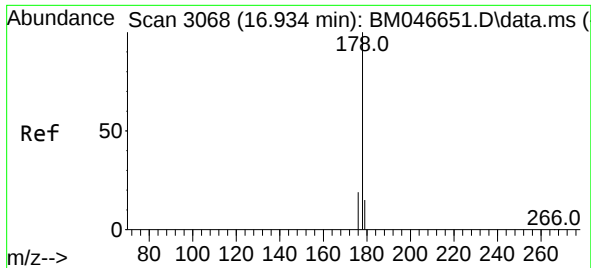
Tgt Ion:166 Resp: 5812
 Ion Ratio Lower Upper
 166 100
 165 97.5 76.1 114.1
 167 14.2 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.566 ng/ul
 RT: 16.550 min Scan# 2977
 Delta R.T. -0.005 min
 Lab File: BM046665.D
 Acq: 17 Jul 2024 11:24

Tgt Ion:266 Resp: 2804
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.1 75.1
 268 65.7 52.5 78.7

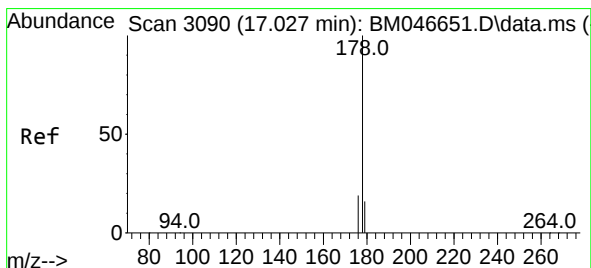
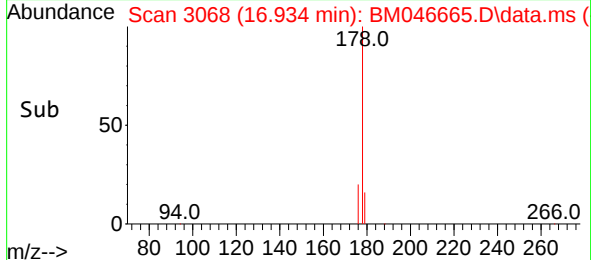
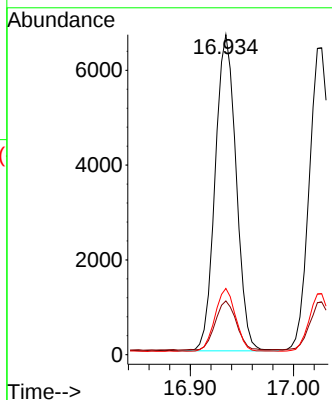
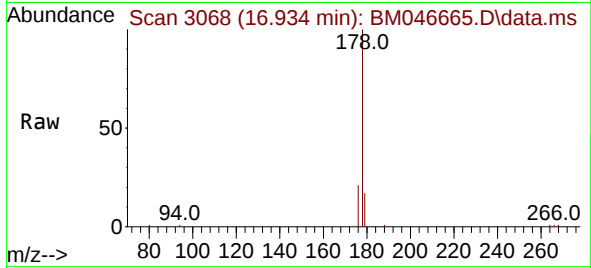




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

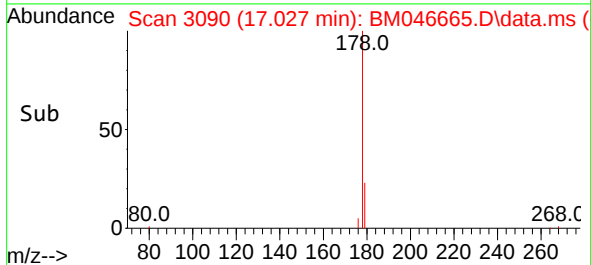
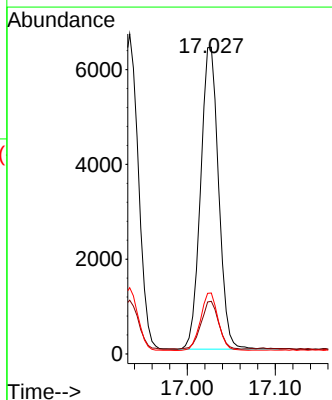
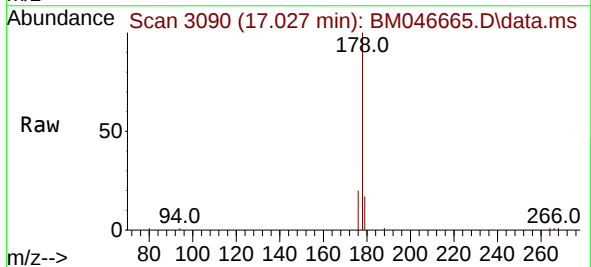
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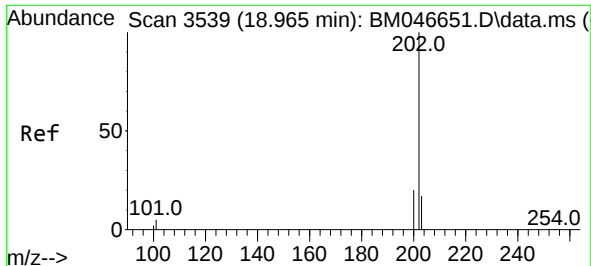
Tgt Ion:	178	Resp:	9401
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.1	19.7
176	20.7	16.0	24.0



#16
Anthracene
Concen: 0.333 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Tgt Ion:	178	Resp:	9080
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.5	20.3
176	19.9	15.7	23.5

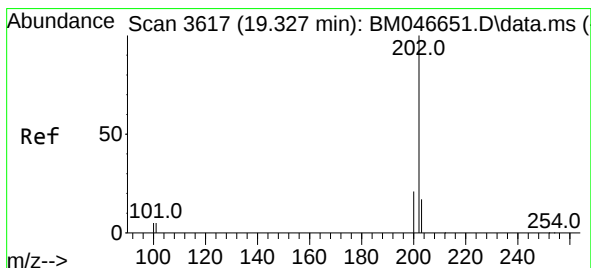
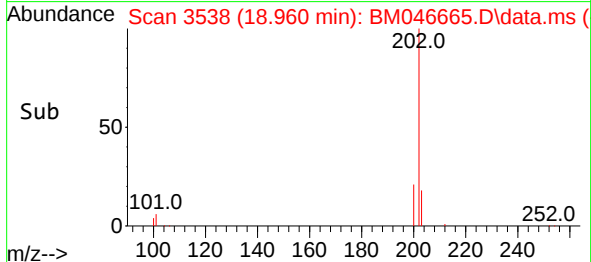
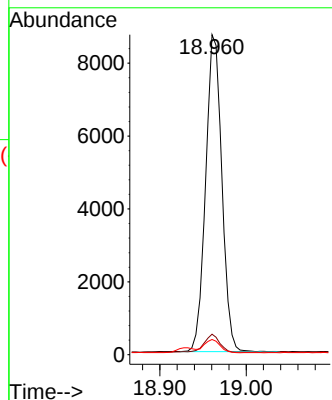
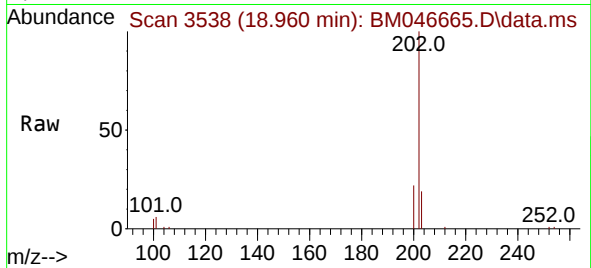




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 18.960 min Scan# 3539
Delta R.T. -0.010 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

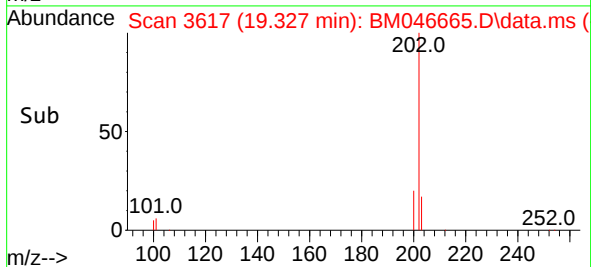
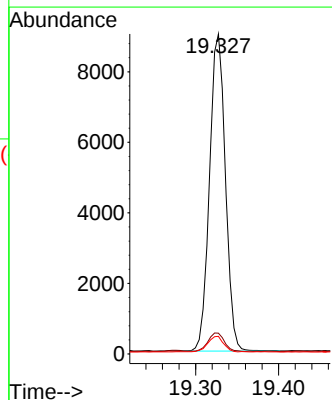
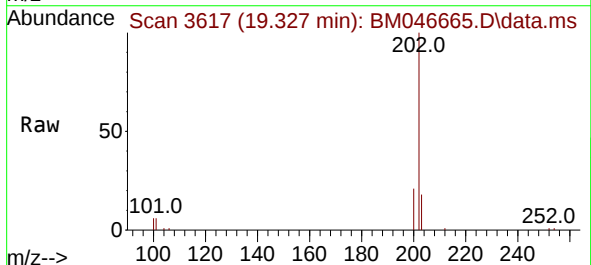
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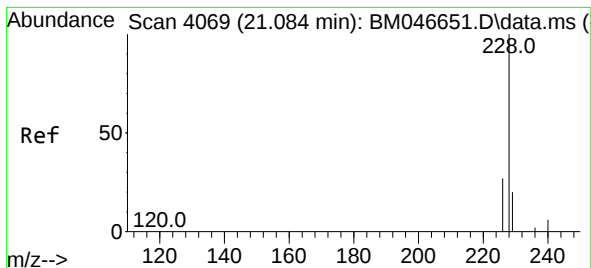
Tgt Ion:202 Resp: 11348
Ion Ratio Lower Upper
202 100
101 6.4 4.6 6.8
100 4.8 3.0 4.6#



#20
Pyrene
Concen: 0.345 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Tgt Ion:202 Resp: 11958
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 5.5 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.328 ng/ul

RT: 21.084 min Scan# 4069

Delta R.T. -0.003 min

Lab File: BM046665.D

Acq: 17 Jul 2024 11:24

Instrument :

BNA_M

ClientSampleId :

SLCS915

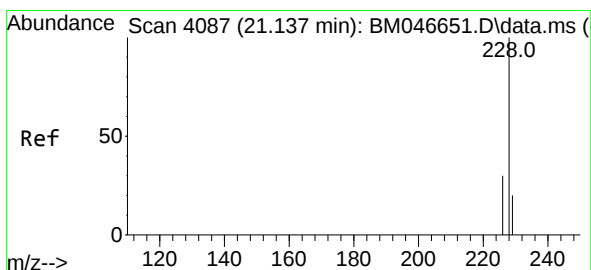
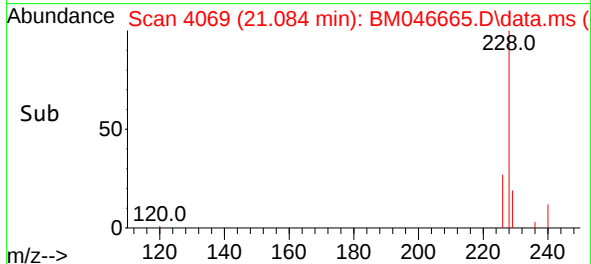
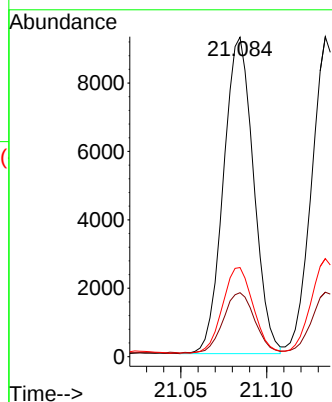
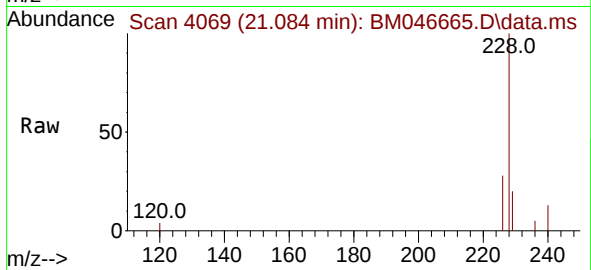
Tgt Ion:228 Resp: 11294

Ion Ratio Lower Upper

228 100

229 20.0 16.5 24.7

226 27.9 22.5 33.7



#22

Chrysene

Concen: 0.325 ng/ul

RT: 21.134 min Scan# 4086

Delta R.T. -0.006 min

Lab File: BM046665.D

Acq: 17 Jul 2024 11:24

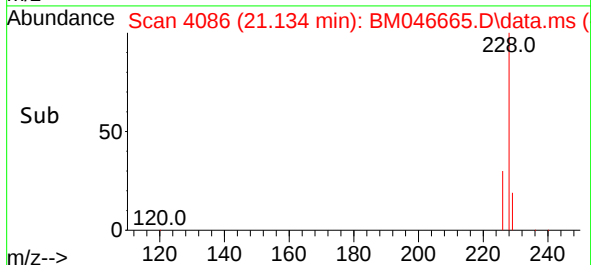
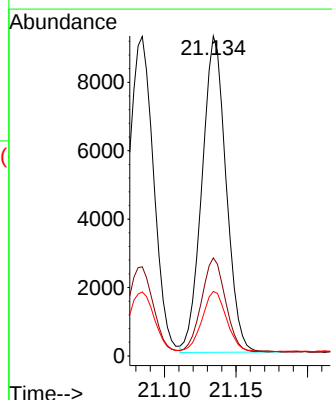
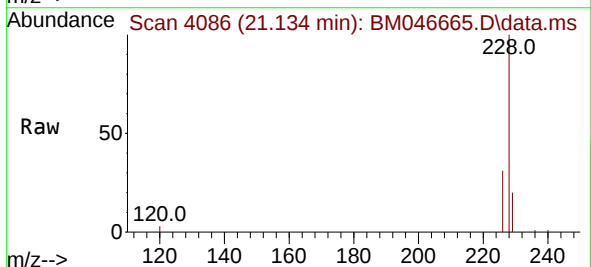
Tgt Ion:228 Resp: 10839

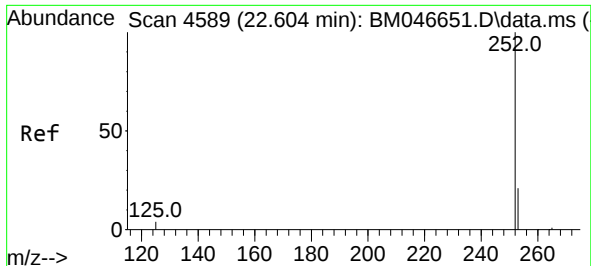
Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 20.1 16.4 24.6

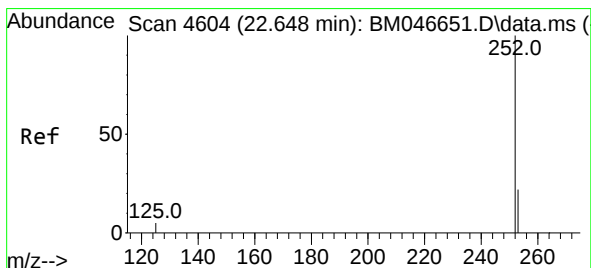
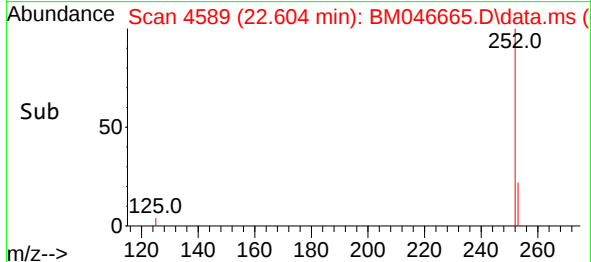
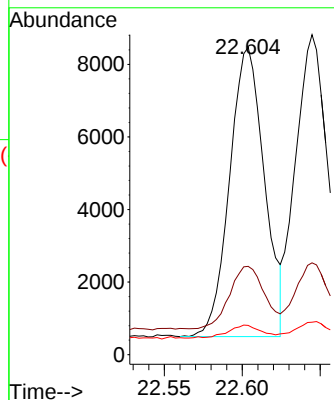
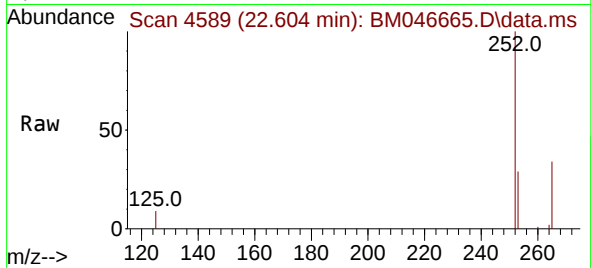




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 22.604 min Scan# 4589
Delta R.T. -0.006 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

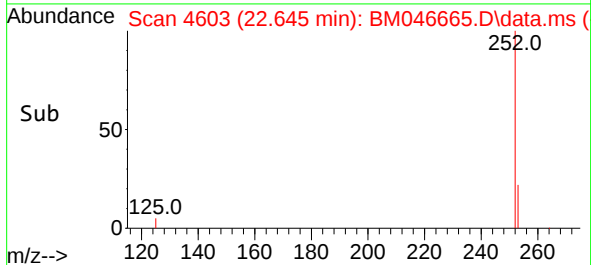
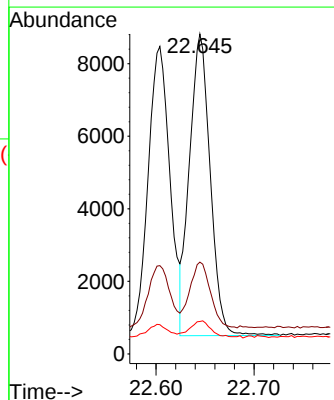
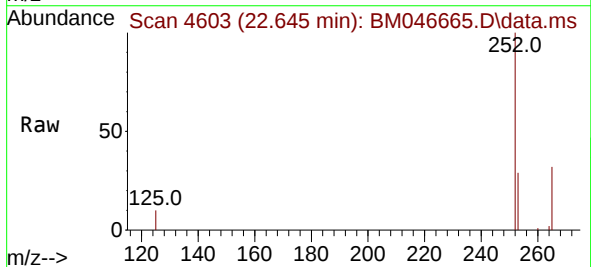
Instrument :
BNA_M
ClientSampleId :
SLCS915

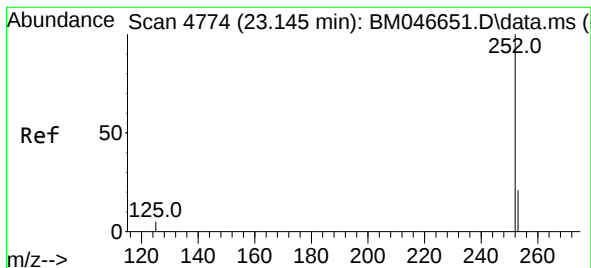
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	56.2
125	9.5	0.0	17.8



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	22.4	33.6
125	10.2	7.0	10.4





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.142 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM046665.D

Acq: 17 Jul 2024 11:24

Instrument :

BNA_M

ClientSampleId :

SLCS915

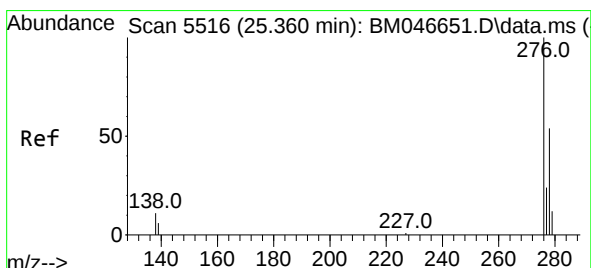
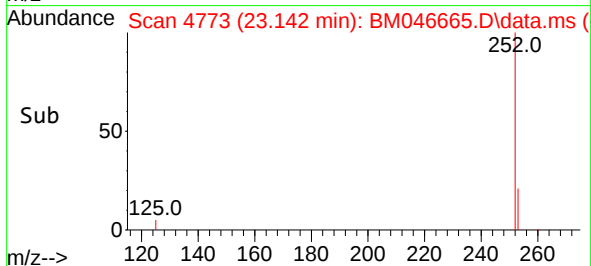
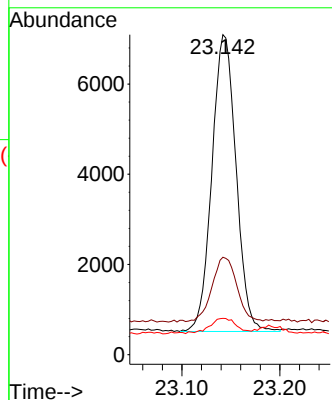
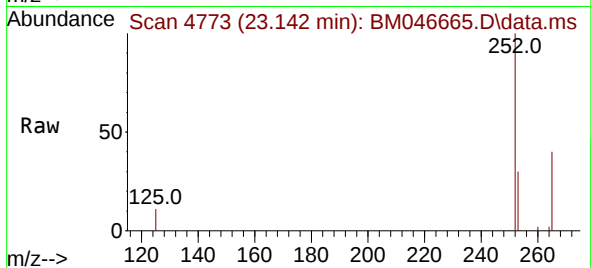
Tgt Ion:252 Resp: 11280

Ion Ratio Lower Upper

252 100

253 30.4 24.0 36.0

125 11.4 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.335 ng/ul

RT: 25.353 min Scan# 5514

Delta R.T. -0.007 min

Lab File: BM046665.D

Acq: 17 Jul 2024 11:24

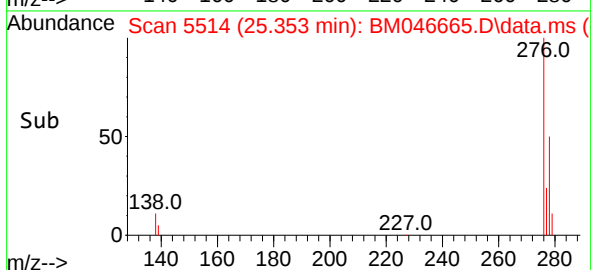
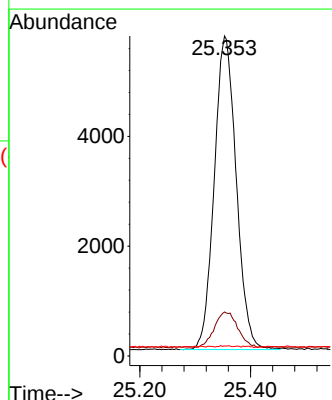
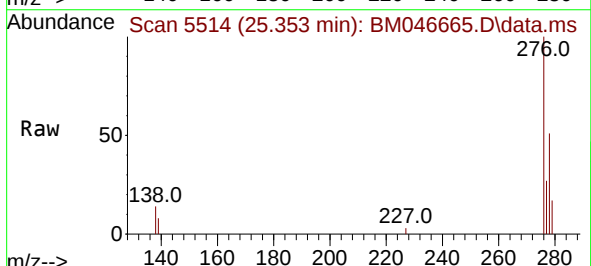
Tgt Ion:276 Resp: 15698

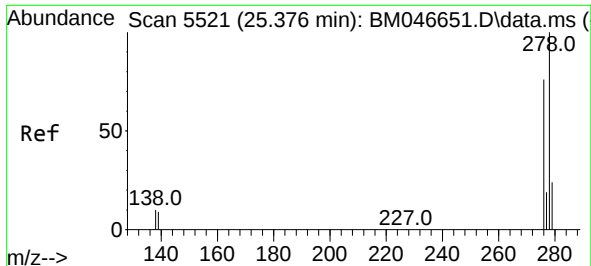
Ion Ratio Lower Upper

276 100

138 11.8 0.0 0.0#

227 0.3 0.2 0.2#

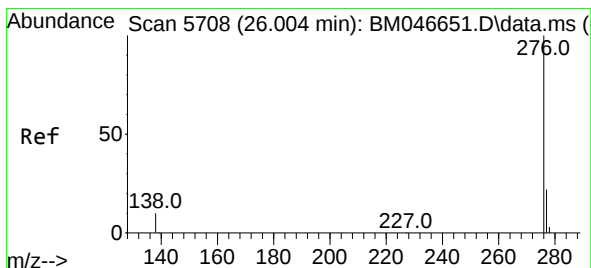
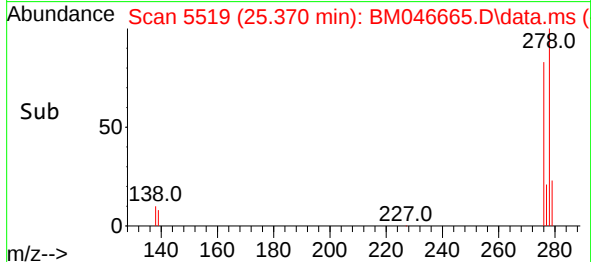
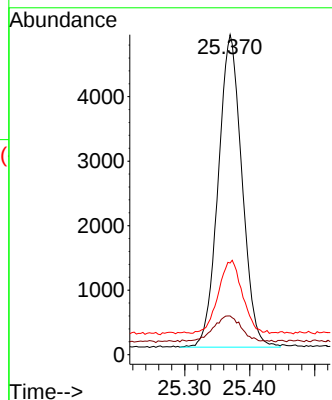
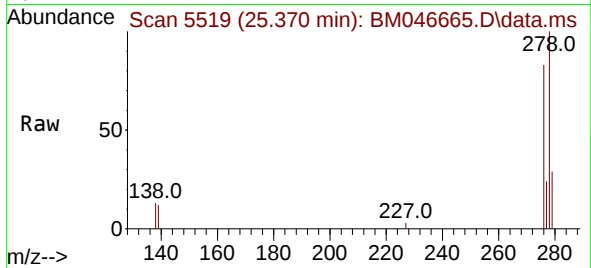




#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 25.370 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Instrument :
BNA_M
ClientSampleId :
SLCS915

Tgt Ion:278 Resp: 12277
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 28.7 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.004 min
Lab File: BM046665.D
Acq: 17 Jul 2024 11:24

Tgt Ion:276 Resp: 12290
Ion Ratio Lower Upper
276 100
138 12.7 10.2 15.4
277 27.0 20.9 31.3

