

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045641.D
 Acq On : 30 Apr 2024 08:08
 Operator : MA/JU
 Sample : PB160362BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS362

Quant Time: Apr 30 09:49:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 09:34:10 2024
 Response via : Initial Calibration

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

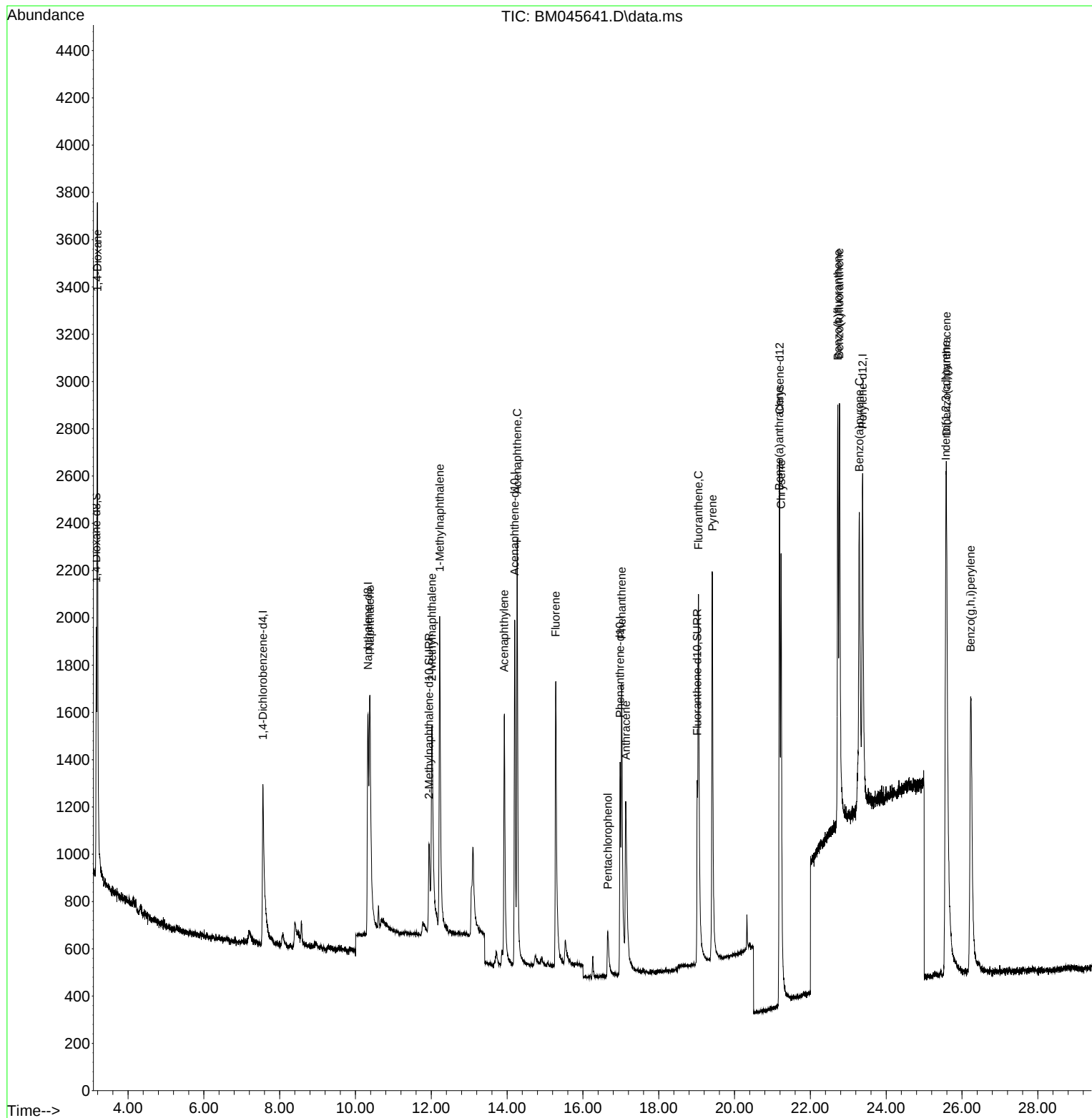
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	2572	0.400	ng/ul #	0.01
9) Acenaphthene-d10	14.201	164	1147	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.980	188	1901	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	1489	0.400	ng/ul	0.00
23) Perylene-d12	23.378	264	2232	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	721	0.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	1078	0.318	ng/ul	0.01
18) Fluoranthene-d10	19.016	212	1366	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.192	88	2011	1.888	ng/ul#	86
5) Naphthalene	10.380	128	2320	0.336	ng/ul	99
7) 2-Methylnaphthalene	12.019	142	1246	0.316	ng/ul	95
8) 1-Methylnaphthalene	12.222	142	1341	0.303	ng/ul	99
10) Acenaphthylene	13.923	152	1957	0.346	ng/ul	99
11) Acenaphthene	14.266	153	1418	0.338	ng/ul	96
12) Fluorene	15.284	166	1383	0.308	ng/ul	96
14) Pentachlorophenol	16.660	266	280	0.739	ng/ul	91
15) Phenanthrene	17.023	178	1852	0.335	ng/ul	95
16) Anthracene	17.132	178	1871	0.361	ng/ul	93
19) Fluoranthene	19.048	202	2088	0.304	ng/ul#	96
20) Pyrene	19.415	202	2237	0.317	ng/ul	100
21) Benzo(a)anthracene	21.180	228	1794	0.377	ng/ul	99
22) Chrysene	21.227	228	2486	0.340	ng/ul	97
24) Benzo(b)fluoranthene	22.723	252	2492	0.332	ng/ul	98
25) Benzo(k)fluoranthene	22.767	252	3020	0.318	ng/ul	98
26) Benzo(a)pyrene	23.291	252	2663	0.342	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.574	276	3988	0.352	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.591	278	3111	0.347	ng/ul	100
29) Benzo(g,h,i)perylene	26.231	276	3434	0.338	ng/ul	97

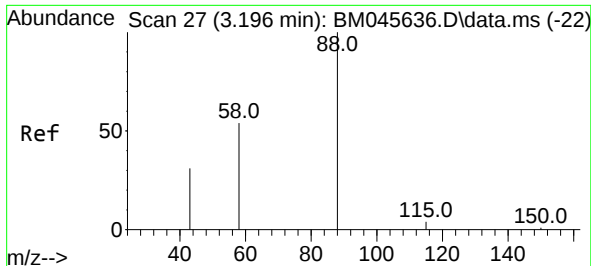
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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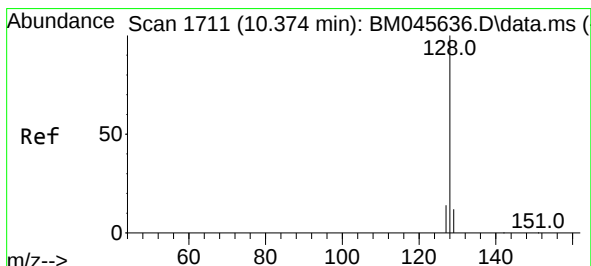
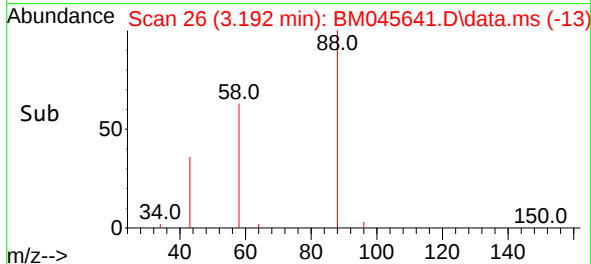
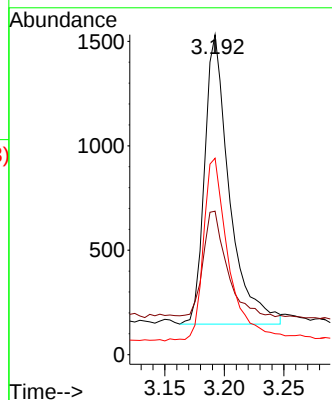
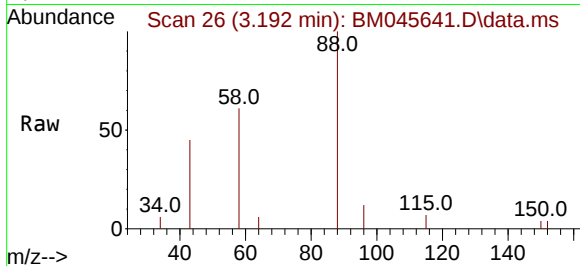




#2
1,4-Dioxane
Concen: 1.888 ng/ul
RT: 3.192 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

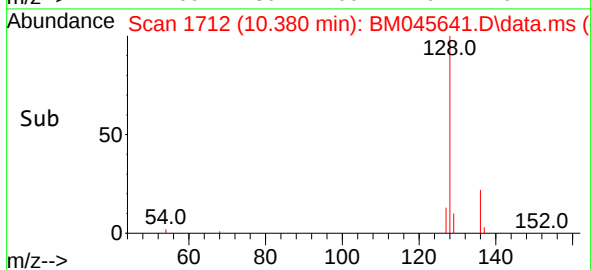
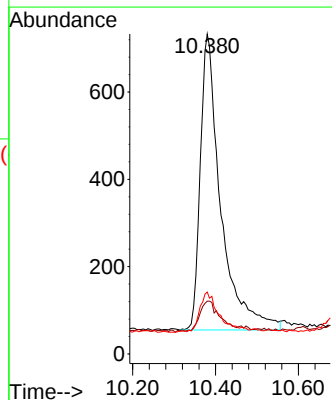
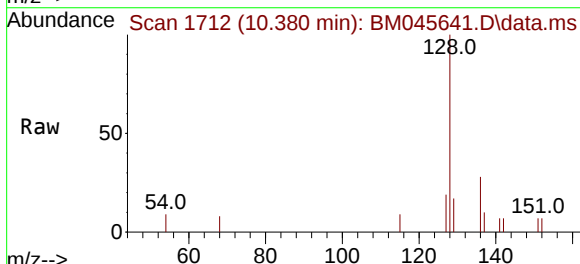
Instrument :
BNA_M
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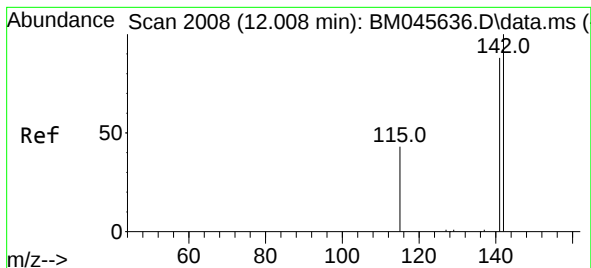
Tgt Ion: 88 Resp: 2011
Ion Ratio Lower Upper
88 100
43 44.8 36.8 55.2
58 61.4 35.4 53.2#



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.380 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Tgt Ion:128 Resp: 2320
Ion Ratio Lower Upper
128 100
129 16.5 14.0 21.0
127 19.4 15.4 23.2

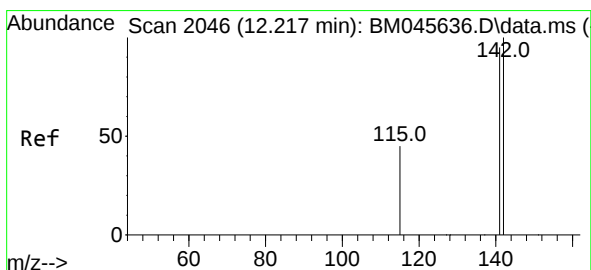
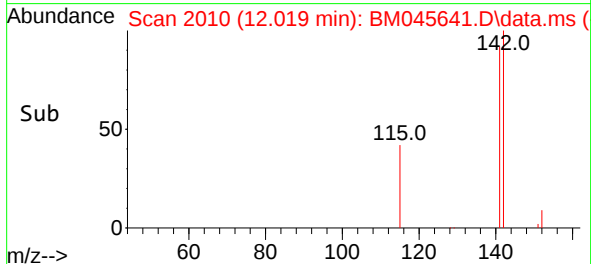
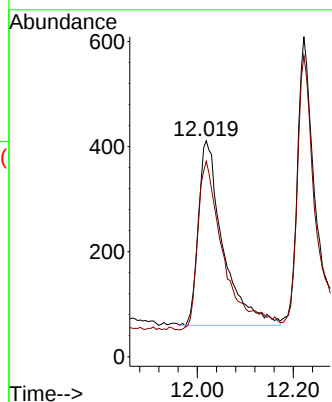
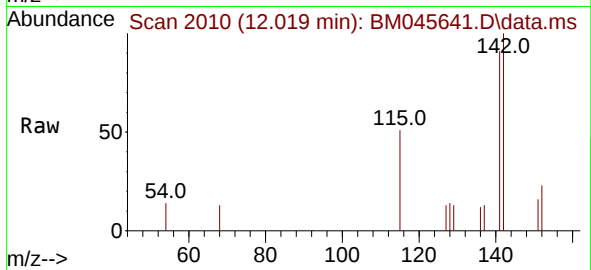




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.019 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

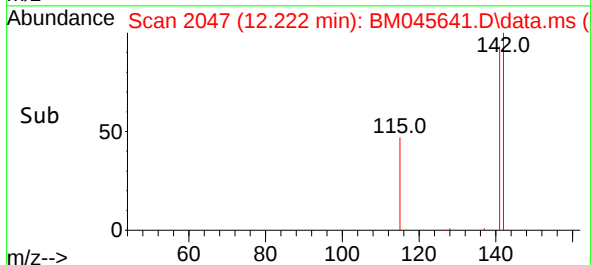
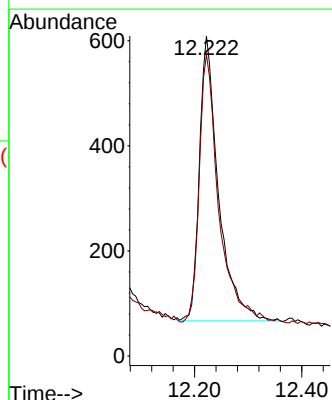
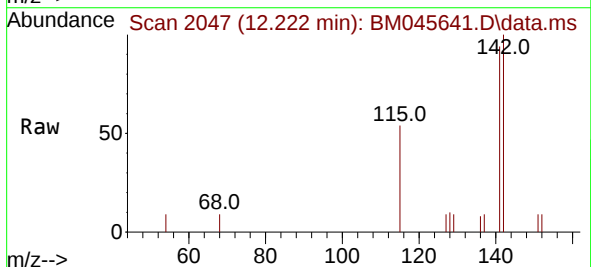
Instrument :
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ClientSampleId :
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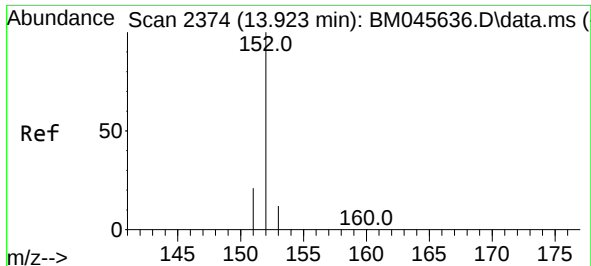
Tgt Ion:142 Resp: 1246
Ion Ratio Lower Upper
142 100
141 97.9 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.006 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Tgt Ion:142 Resp: 1341
Ion Ratio Lower Upper
142 100
141 95.8 76.1 114.1

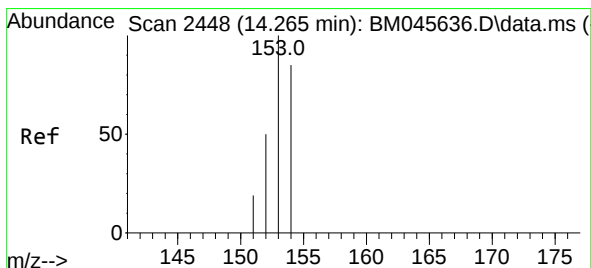
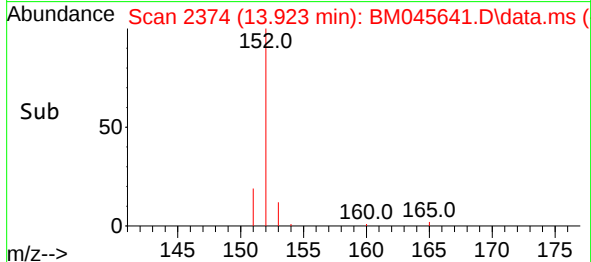
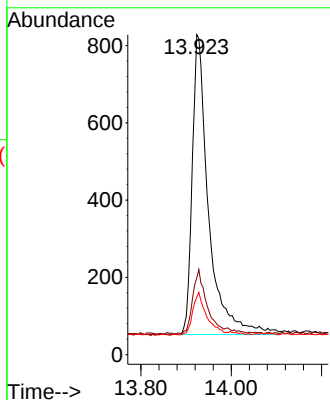
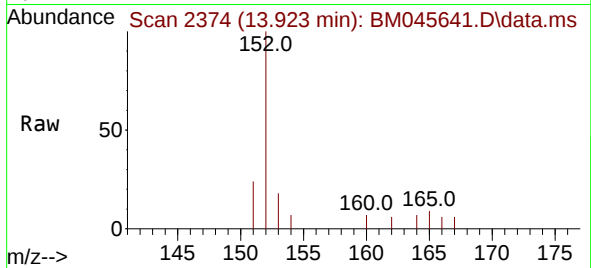




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.923 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

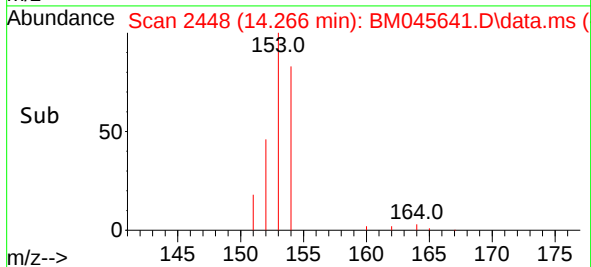
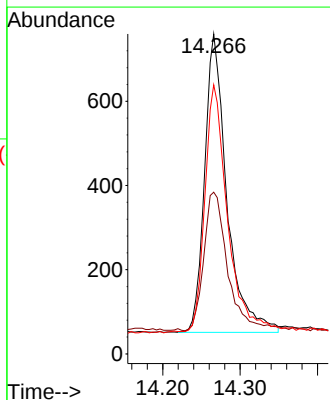
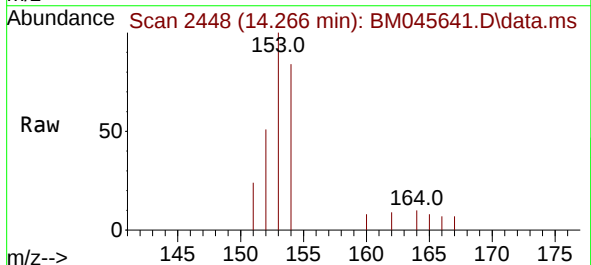
Instrument :
BNA_M
ClientSampleId :
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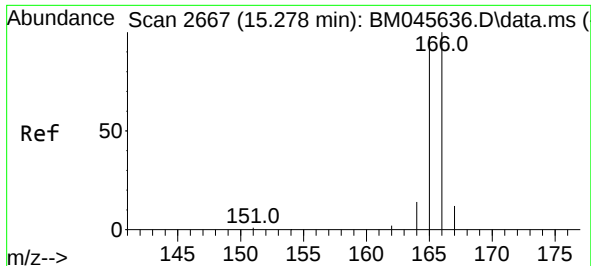
Tgt Ion:152 Resp: 1957
Ion Ratio Lower Upper
152 100
151 23.9 18.6 28.0
153 17.9 14.1 21.1



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Tgt Ion:153 Resp: 1418
Ion Ratio Lower Upper
153 100
152 50.5 43.4 65.2
154 84.1 69.0 103.6

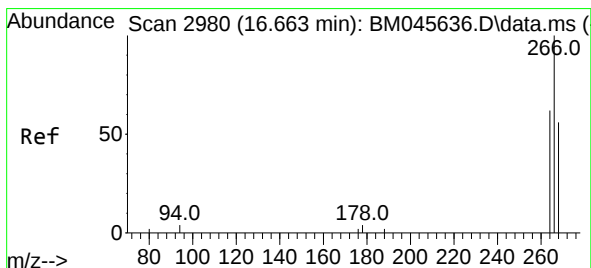
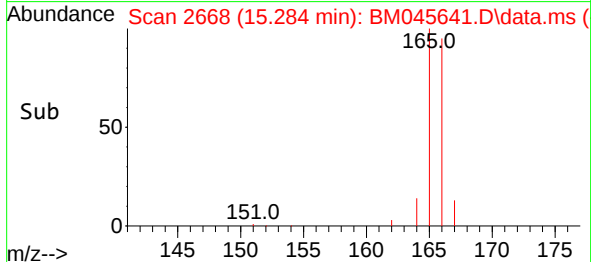
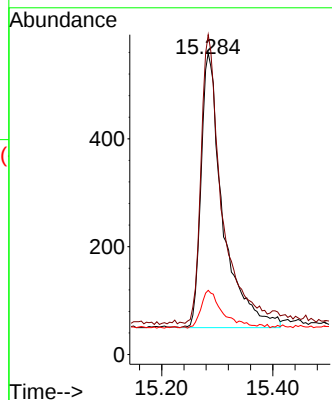
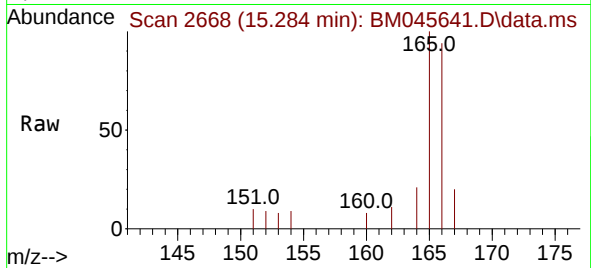




#12
 Fluorene
 Concen: 0.308 ng/ul
 RT: 15.284 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BM045641.D
 Acq: 30 Apr 2024 08:08

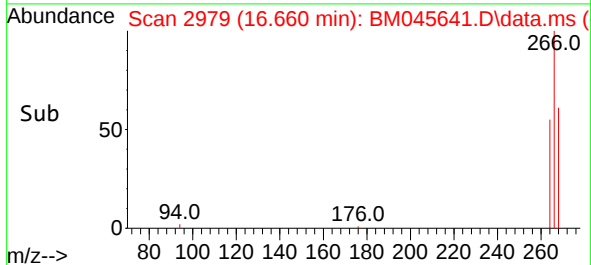
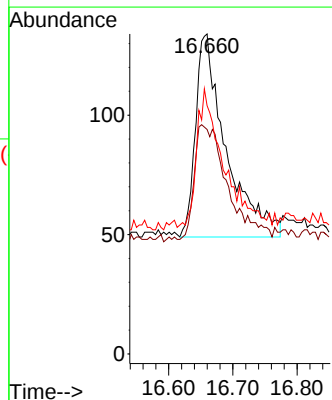
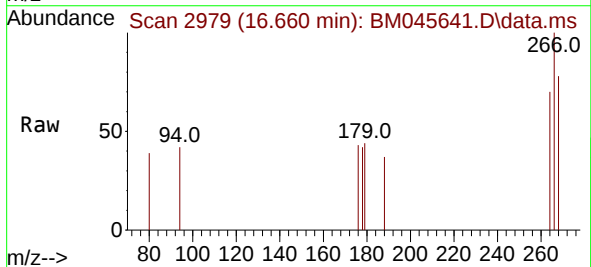
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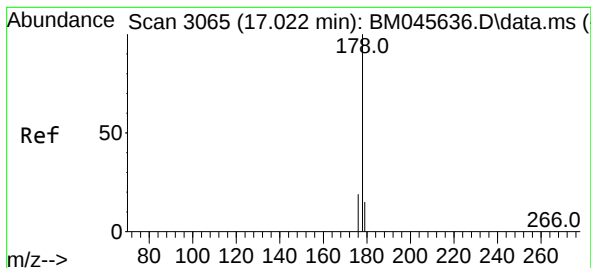
Tgt Ion:166 Resp: 1383
 Ion Ratio Lower Upper
 166 100
 165 106.1 82.2 123.2
 167 21.3 14.8 22.2



#14
 Pentachlorophenol
 Concen: 0.739 ng/ul
 RT: 16.660 min Scan# 2979
 Delta R.T. -0.003 min
 Lab File: BM045641.D
 Acq: 30 Apr 2024 08:08

Tgt Ion:266 Resp: 280
 Ion Ratio Lower Upper
 266 100
 264 60.7 45.5 68.3
 268 60.7 56.1 84.1





#15

Phenanthrene

Concen: 0.335 ng/ul

RT: 17.023 min Scan# 3065

Delta R.T. 0.001 min

Lab File: BM045641.D

Acq: 30 Apr 2024 08:08

Instrument :

BNA_M

ClientSampleId :

SLCS362

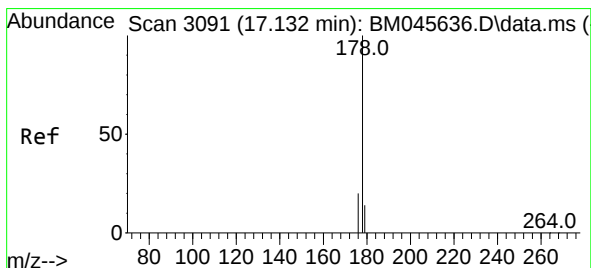
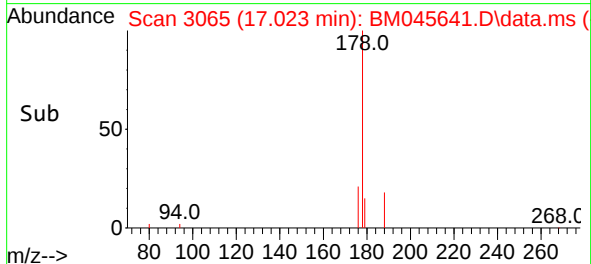
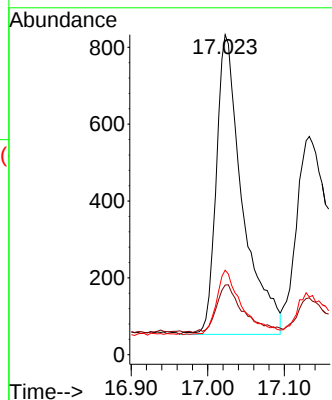
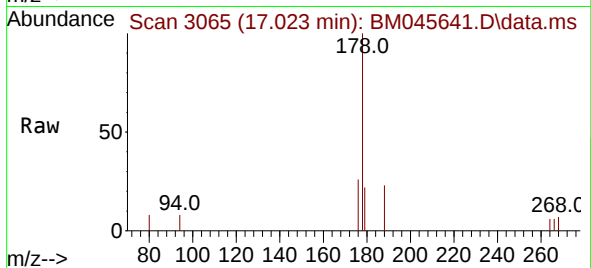
Tgt Ion:178 Resp: 1852

Ion Ratio Lower Upper

178 100

179 21.7 15.4 23.2

176 26.4 19.0 28.4



#16

Anthracene

Concen: 0.361 ng/ul

RT: 17.132 min Scan# 3091

Delta R.T. 0.001 min

Lab File: BM045641.D

Acq: 30 Apr 2024 08:08

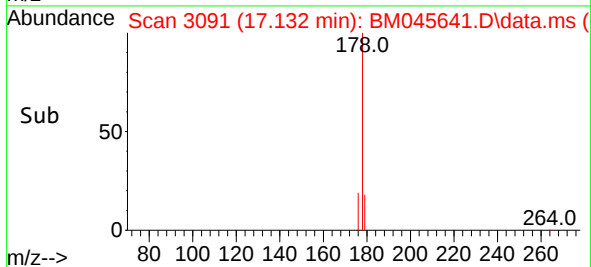
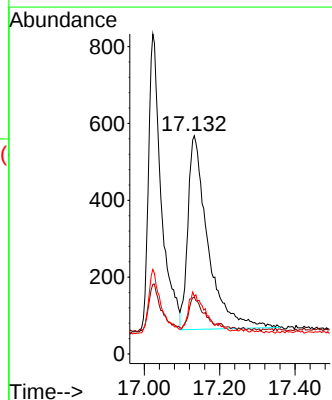
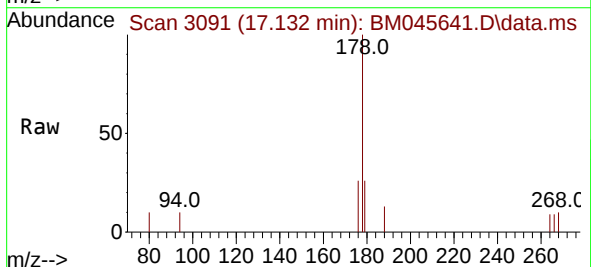
Tgt Ion:178 Resp: 1871

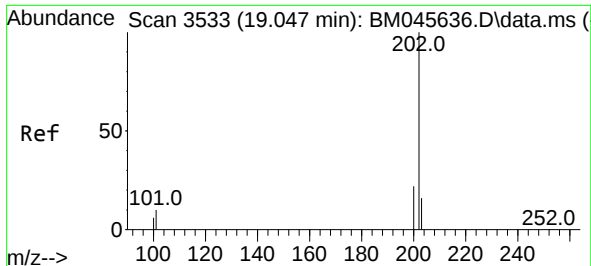
Ion Ratio Lower Upper

178 100

179 26.1 17.8 26.6

176 26.4 18.7 28.1

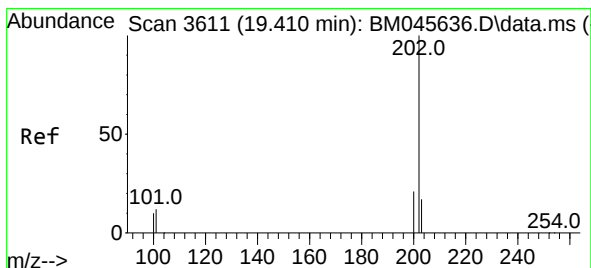
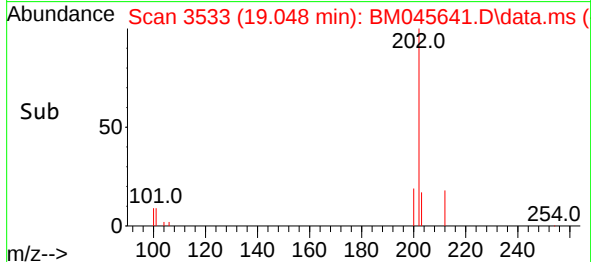
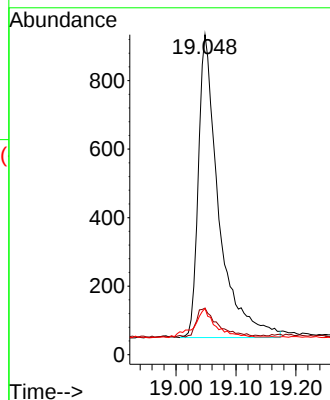
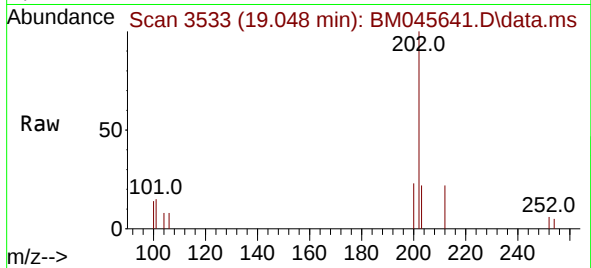




#19
Fluoranthene
Concen: 0.304 ng/u1
RT: 19.048 min Scan# 31
Delta R.T. 0.001 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

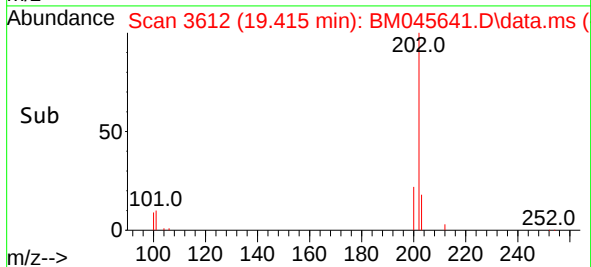
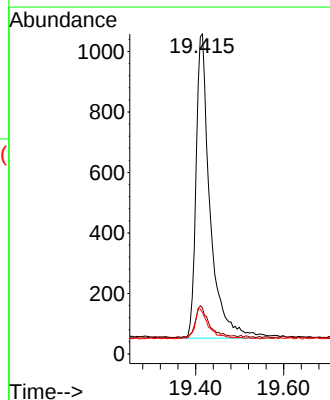
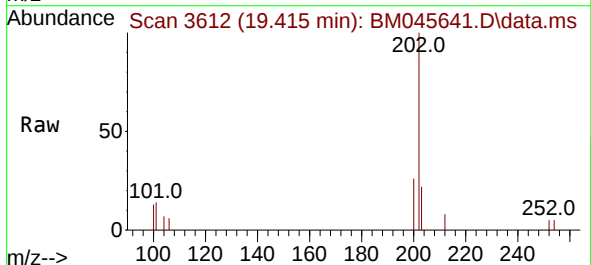
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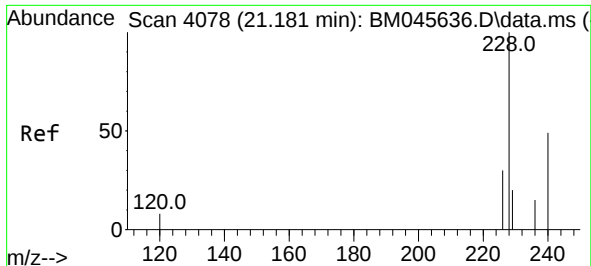
Tgt Ion:202 Resp: 2088
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 14.5 9.1 13.7#



#20
Pyrene
Concen: 0.317 ng/u1
RT: 19.415 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

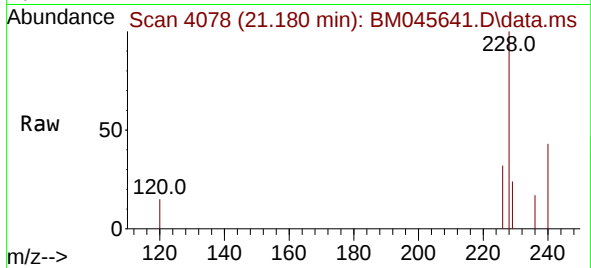
Tgt Ion:202 Resp: 2237
Ion Ratio Lower Upper
202 100
101 14.4 11.5 17.3
100 12.9 10.6 15.8



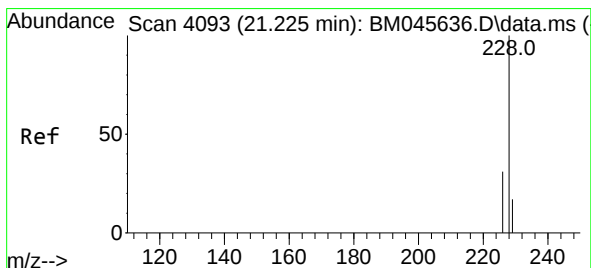
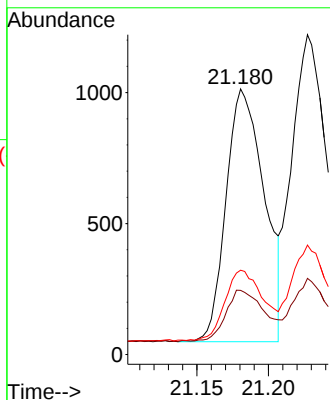


#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.180 min Scan# 4078
Delta R.T. -0.001 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Instrument :
BNA_M
ClientSampleId :
SLCS362

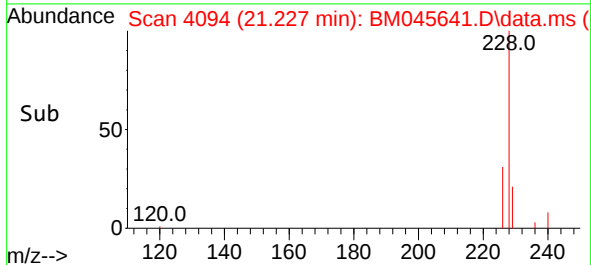
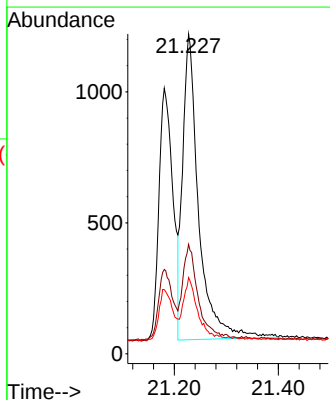
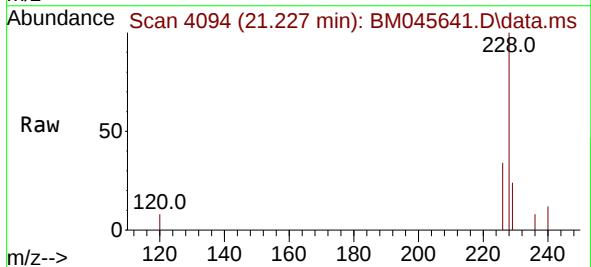


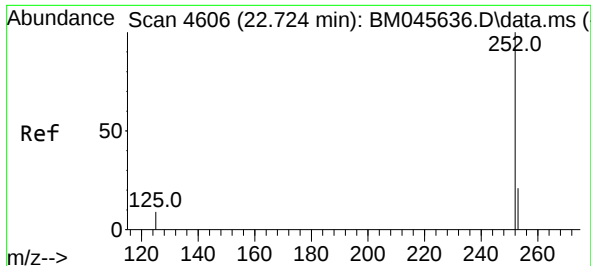
Tgt Ion:228 Resp: 1794
Ion Ratio Lower Upper
228 100
229 24.2 19.4 29.2
226 31.8 26.3 39.5



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.227 min Scan# 4094
Delta R.T. 0.002 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Tgt Ion:228 Resp: 2486
Ion Ratio Lower Upper
228 100
226 34.2 26.3 39.5
229 23.8 17.8 26.8

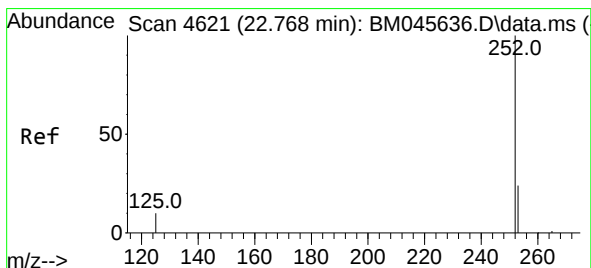
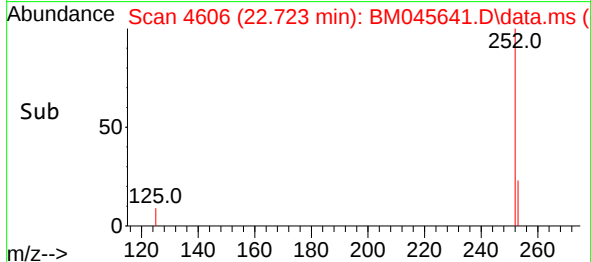
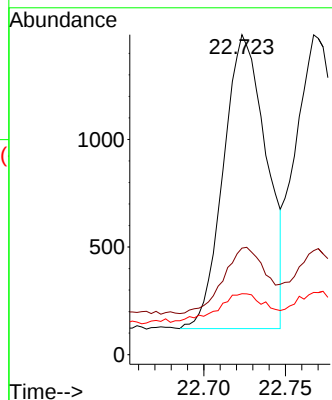
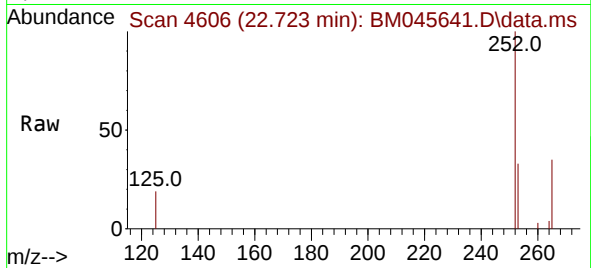




#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 22.723 min Scan# 4606
Delta R.T. -0.001 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

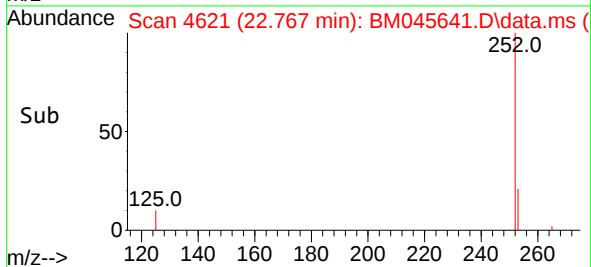
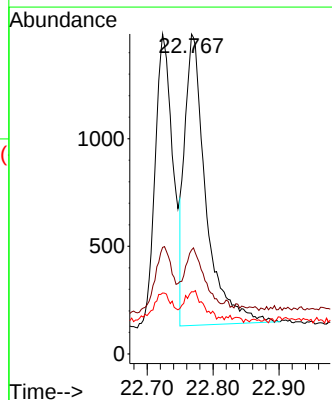
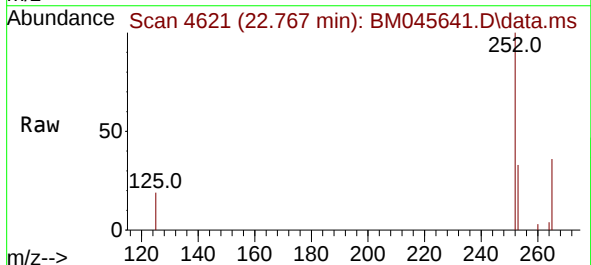
Instrument :
BNA_M
ClientSampleId :
SLCS362

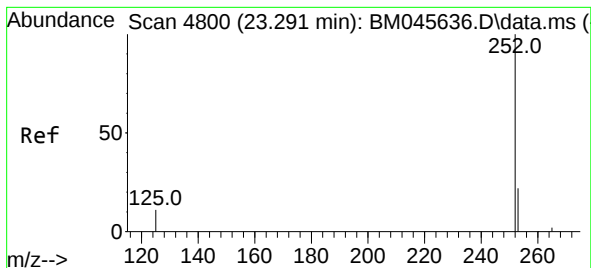
Tgt Ion:252 Resp: 2492
Ion Ratio Lower Upper
252 100
253 33.3 0.0 63.4
125 19.0 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 22.767 min Scan# 4621
Delta R.T. -0.001 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Tgt Ion:252 Resp: 3020
Ion Ratio Lower Upper
252 100
253 32.5 25.4 38.0
125 19.4 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.342 ng/ul

RT: 23.291 min Scan# 4800

Delta R.T. -0.001 min

Lab File: BM045641.D

Acq: 30 Apr 2024 08:08

Instrument :

BNA_M

ClientSampleId :

SLCS362

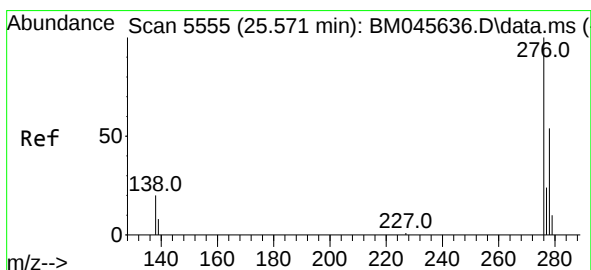
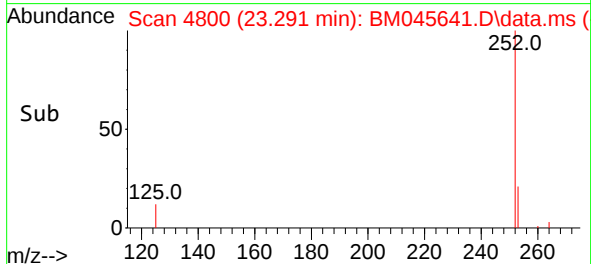
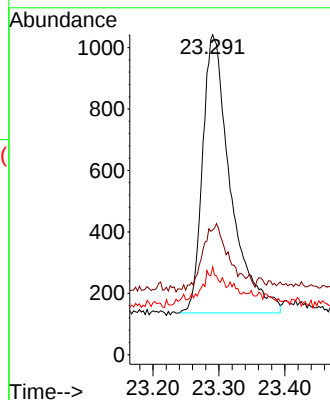
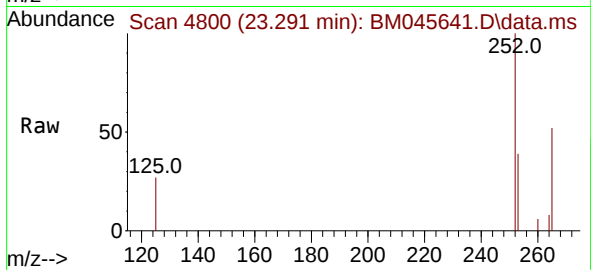
Tgt Ion:252 Resp: 2663

Ion Ratio Lower Upper

252 100

253 39.0 31.6 47.4

125 27.4 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.352 ng/ul

RT: 25.574 min Scan# 5556

Delta R.T. 0.003 min

Lab File: BM045641.D

Acq: 30 Apr 2024 08:08

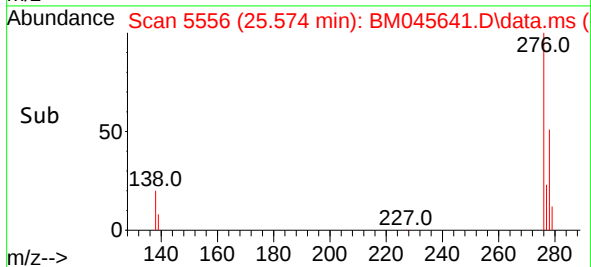
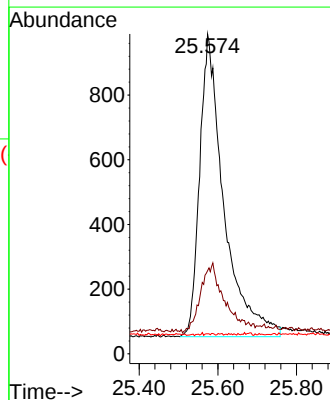
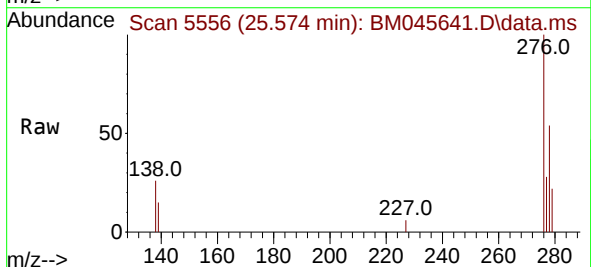
Tgt Ion:276 Resp: 3988

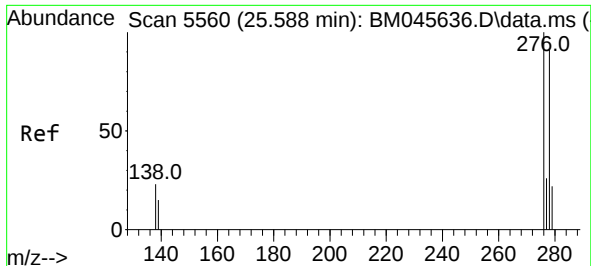
Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.6#

227 0.1 0.2 0.2#

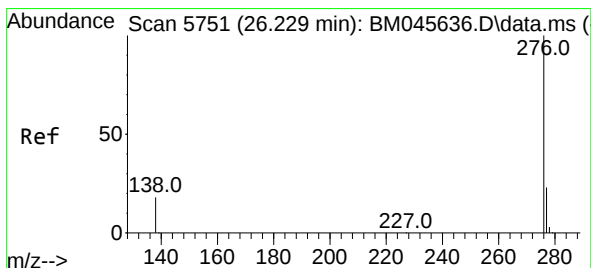
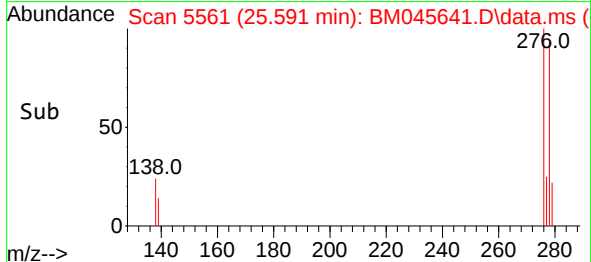
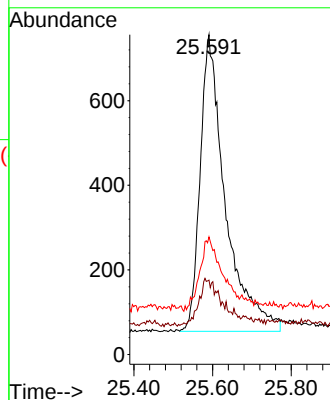
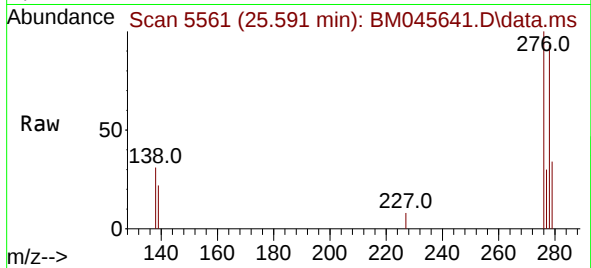




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 25.591 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Instrument :
BNA_M
ClientSampleId :
SLCS362

Tgt Ion:278 Resp: 3111
Ion Ratio Lower Upper
278 100
139 23.3 19.0 28.6
279 36.8 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.231 min Scan# 5752
Delta R.T. 0.002 min
Lab File: BM045641.D
Acq: 30 Apr 2024 08:08

Tgt Ion:276 Resp: 3434
Ion Ratio Lower Upper
276 100
138 28.8 20.8 31.2
277 27.4 21.8 32.8

