

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047669.D
 Acq On : 27 Sep 2024 07:19
 Operator : RC/JU
 Sample : PB163687BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS687

Quant Time: Sep 27 07:48:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 16:27:08 2024
 Response via : Initial Calibration

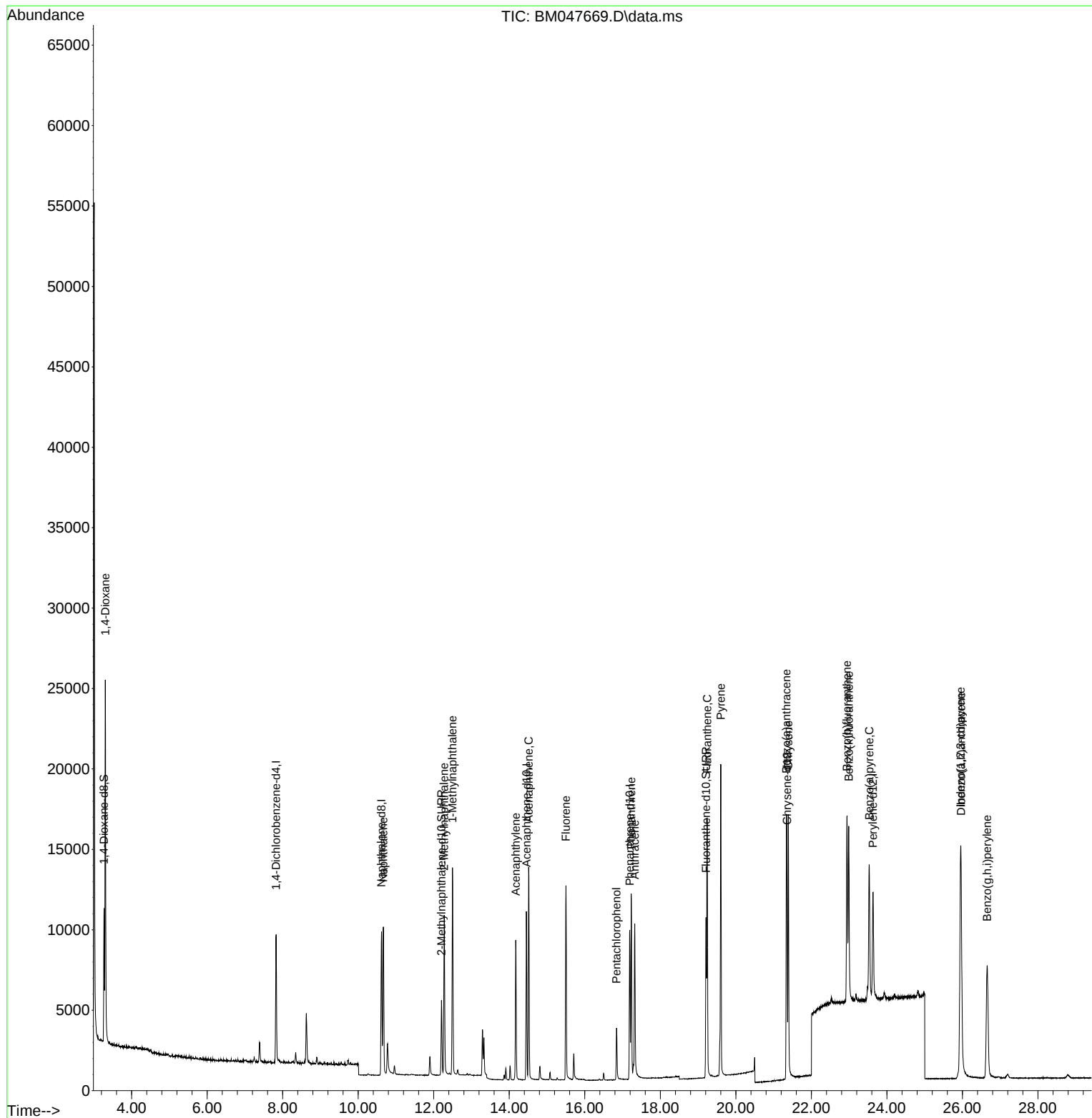
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	11982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.454	164	5703	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	11219	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	8956	0.400	ng/ul	0.00
23) Perylene-d12	23.630	264	9649	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	4566	0.832	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	6167	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.210	212	10979	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.303	88	13486	2.052	ng/ul#	79
5) Naphthalene	10.666	128	12901	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.277	142	7393	0.377	ng/ul	100
8) 1-Methylnaphthalene	12.497	142	9034	0.440	ng/ul	99
10) Acenaphthylene	14.172	152	9998	0.361	ng/ul	100
11) Acenaphthene	14.515	153	7704	0.405	ng/ul	99
12) Fluorene	15.500	166	8138	0.378	ng/ul	99
14) Pentachlorophenol	16.840	266	2331	0.691	ng/ul	99
15) Phenanthrene	17.229	178	12728	0.382	ng/ul	99
16) Anthracene	17.321	178	11131	0.375	ng/ul	99
19) Fluoranthene	19.242	202	14785	0.392	ng/ul	98
20) Pyrene	19.600	202	16221	0.404	ng/ul	98
21) Benzo(a)anthracene	21.339	228	13365	0.353	ng/ul	99
22) Chrysene	21.389	228	14751	0.374	ng/ul	99
24) Benzo(b)fluoranthene	22.943	252	15455	0.368	ng/ul	97
25) Benzo(k)fluoranthene	22.990	252	15751	0.373	ng/ul	98
26) Benzo(a)pyrene	23.531	252	13759	0.416	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.950	276	20060	0.381	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.964	278	15359	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	26.654	276	16459	0.389	ng/ul	99

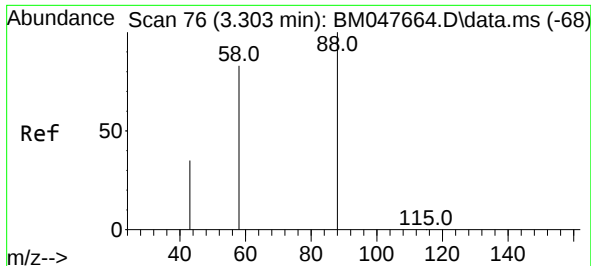
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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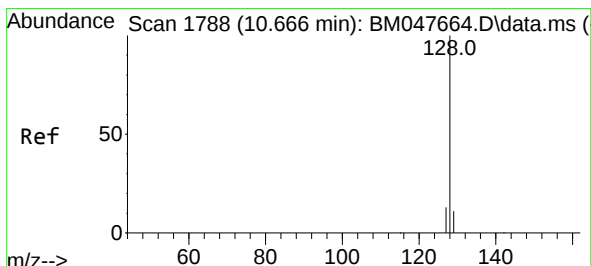
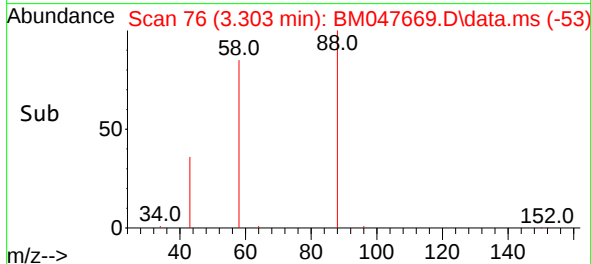
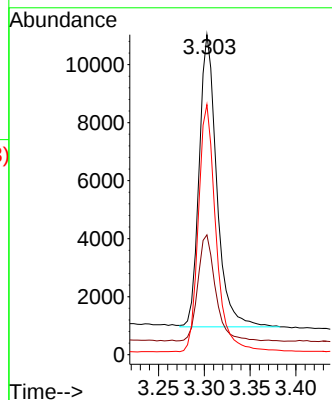
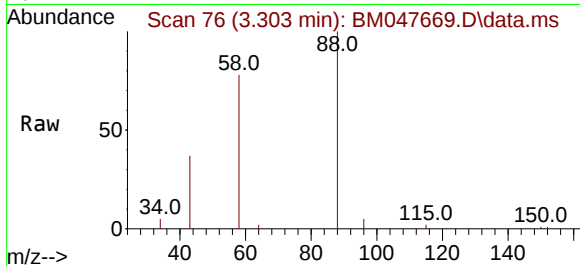




#2
1,4-Dioxane
Concen: 2.052 ng/ul
RT: 3.303 min Scan# 76
Delta R.T. -0.004 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

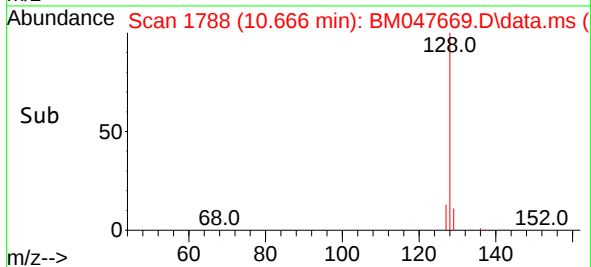
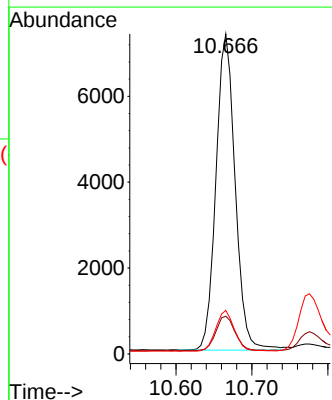
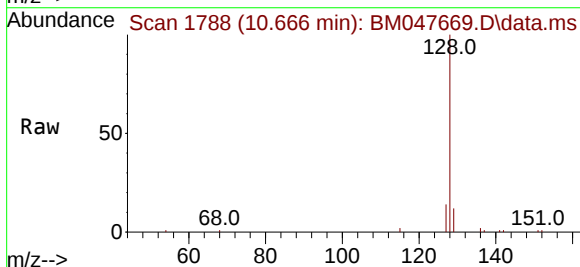
Instrument :
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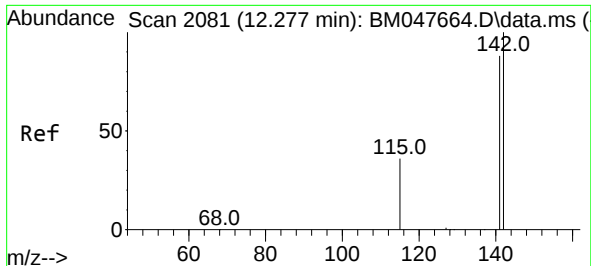
Tgt Ion: 88 Resp: 13486
Ion Ratio Lower Upper
88 100
43 37.4 30.9 46.3
58 78.1 42.5 63.7#



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.007 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion: 128 Resp: 12901
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.4 15.6

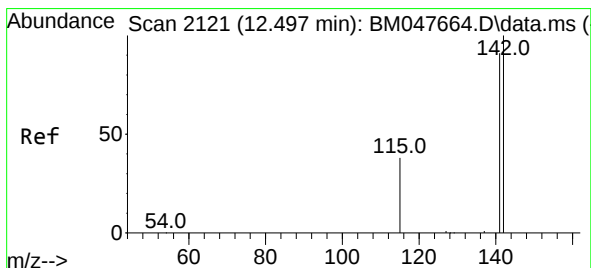
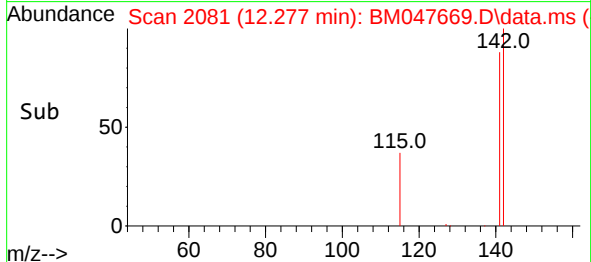
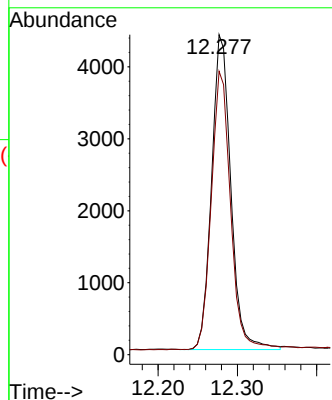
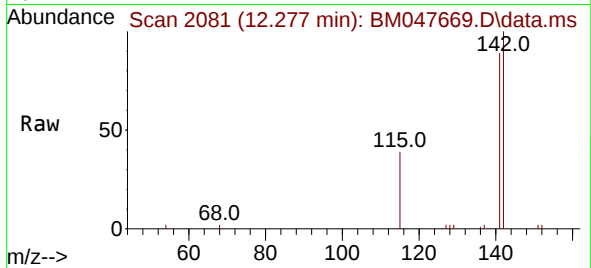




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.277 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

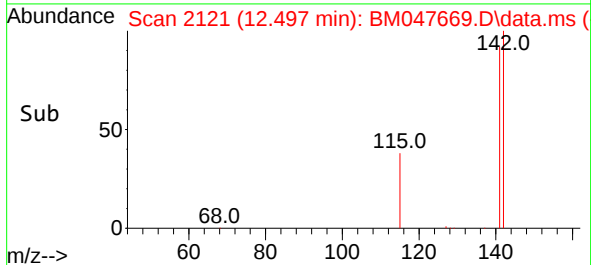
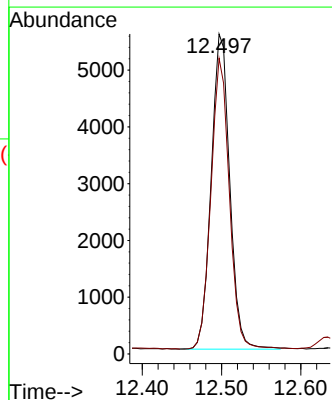
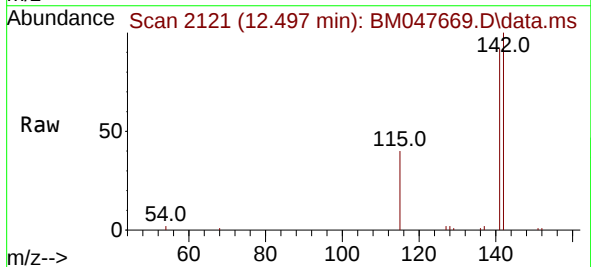
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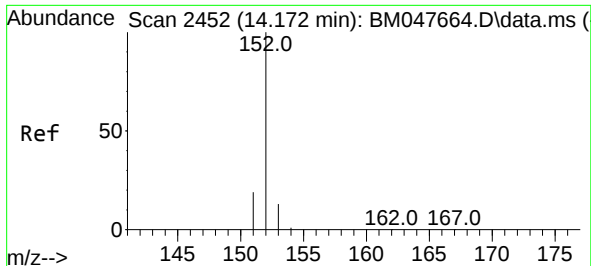
Tgt Ion:142 Resp: 7393
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:142 Resp: 9034
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3

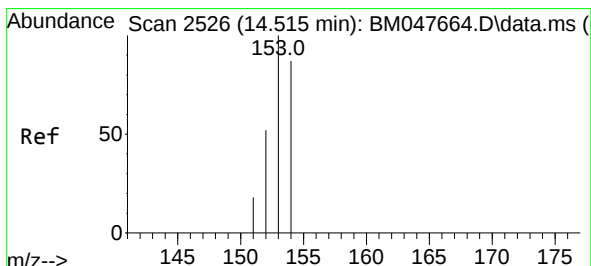
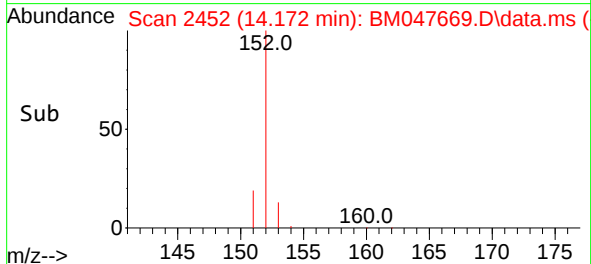
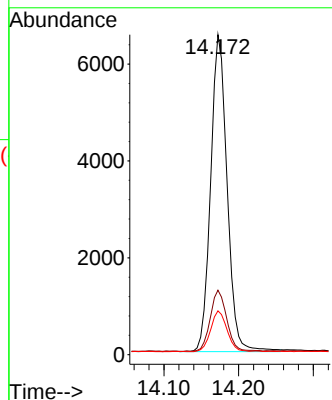
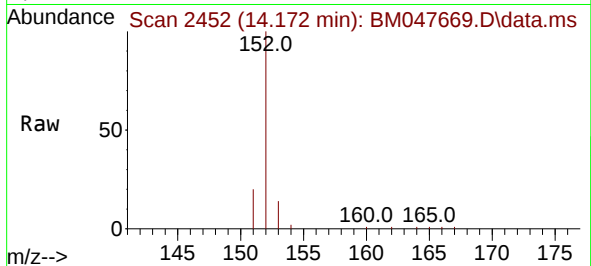




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

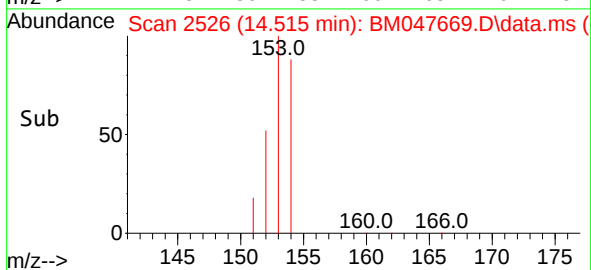
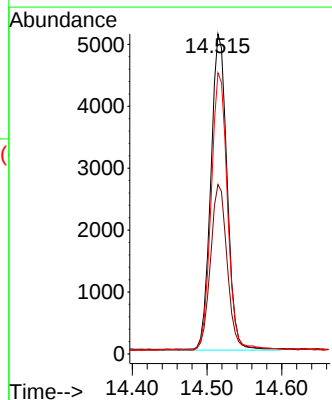
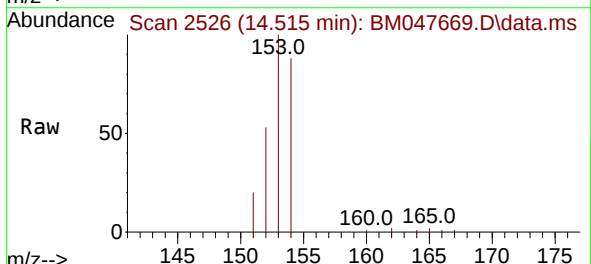
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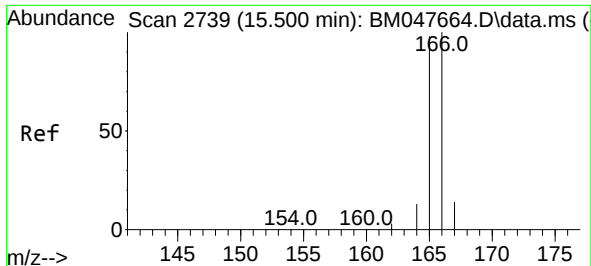
Tgt Ion:	152	Resp:	9998
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.7	10.7	16.1



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.515 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:	153	Resp:	7704
Ion	Ratio	Lower	Upper
153	100		
152	53.0	41.7	62.5
154	87.9	71.2	106.8

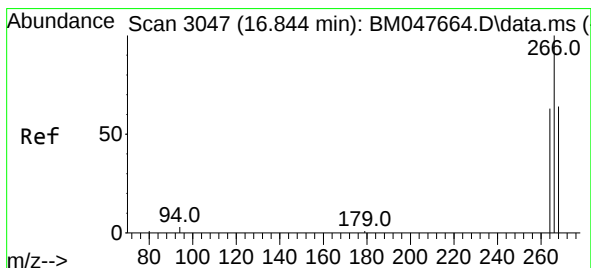
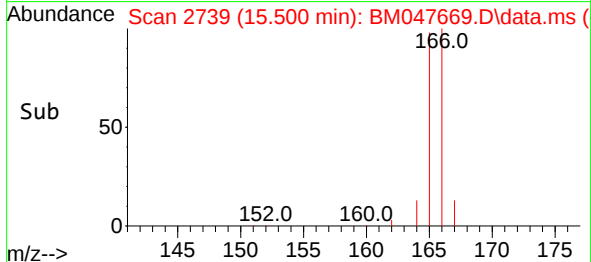
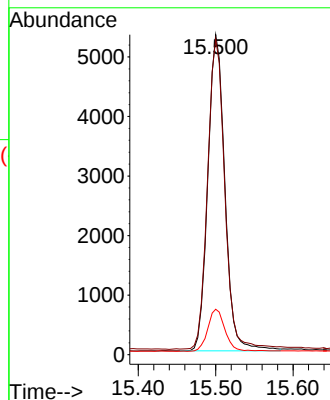
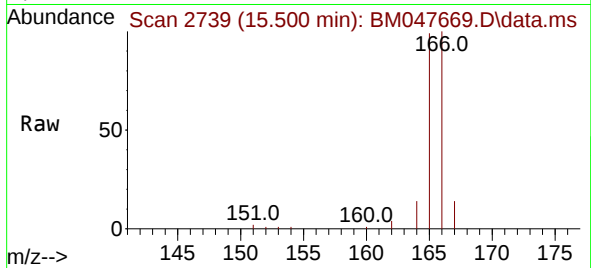




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

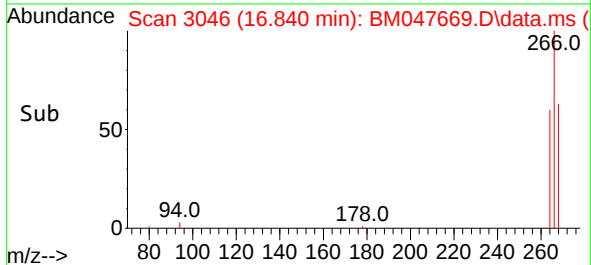
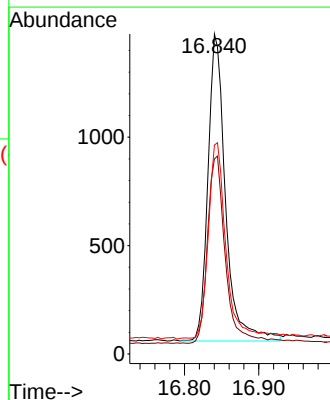
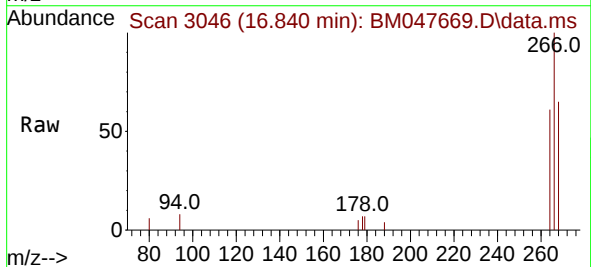
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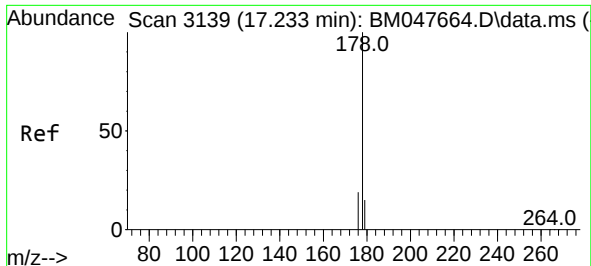
Tgt Ion:166 Resp: 8138
Ion Ratio Lower Upper
166 100
165 98.6 79.4 119.2
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.691 ng/ul
RT: 16.840 min Scan# 3046
Delta R.T. -0.010 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:266 Resp: 2331
Ion Ratio Lower Upper
266 100
264 61.9 49.8 74.8
268 65.3 51.2 76.8

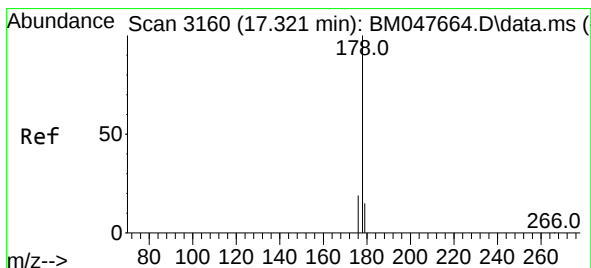
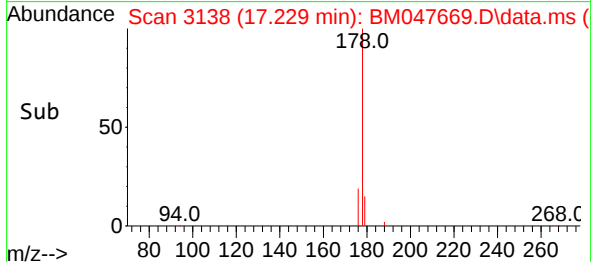
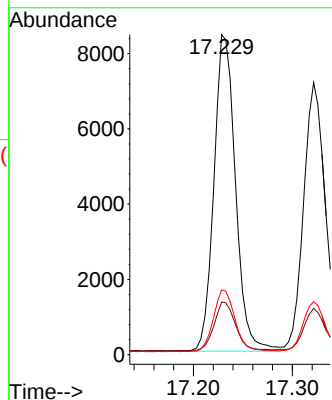
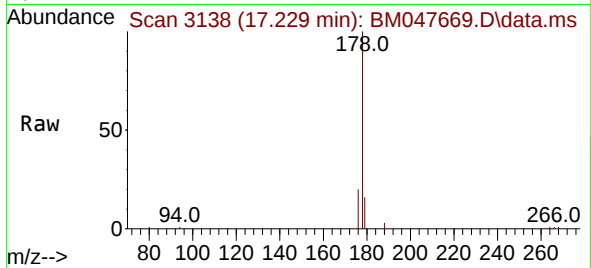




#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 17.229 min Scan# 3138
Delta R.T. -0.010 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

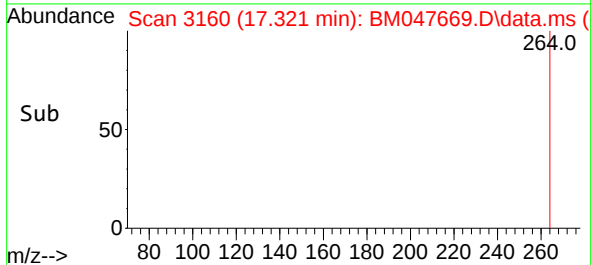
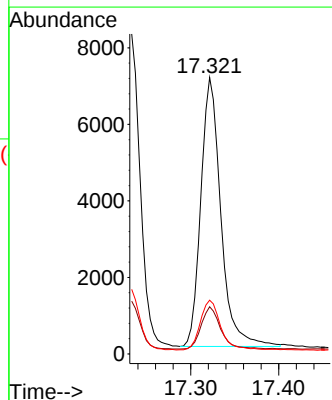
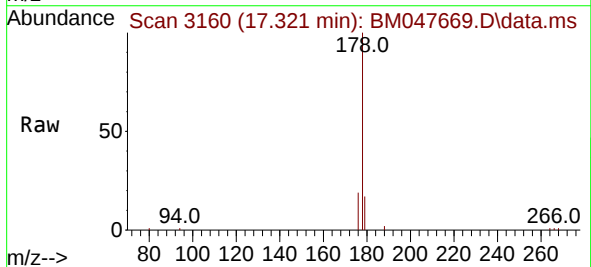
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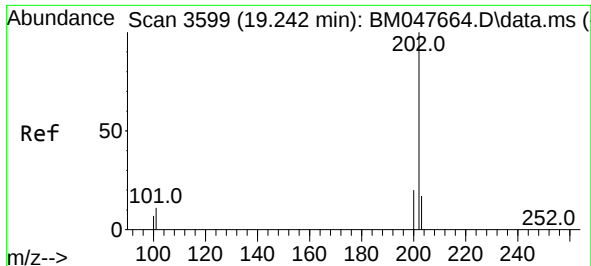
Tgt Ion:	178	Resp:	12728
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.0	19.6
176	20.2	15.9	23.9



#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.321 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:	178	Resp:	11131
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.0	19.4
176	19.5	15.4	23.2

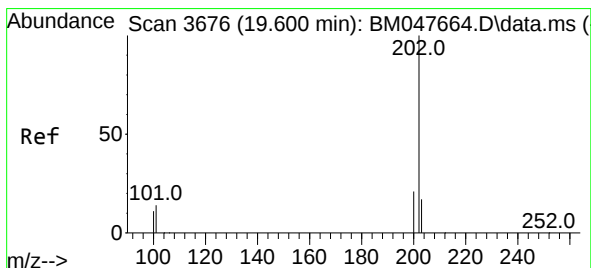
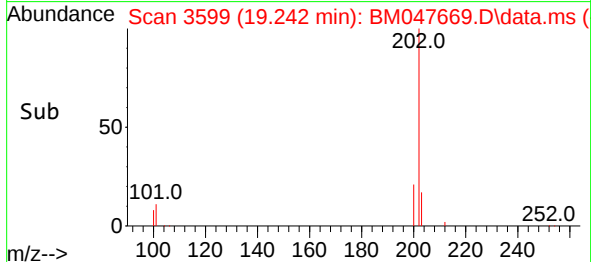
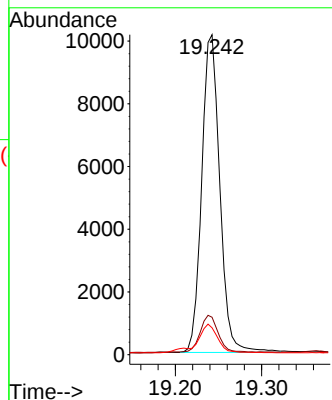
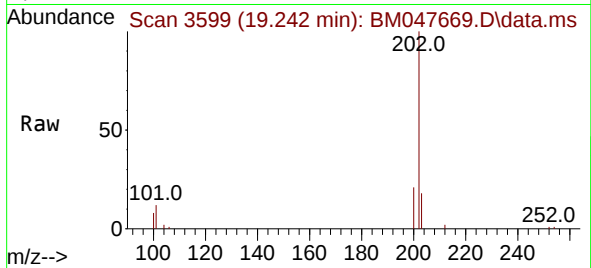




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.242 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

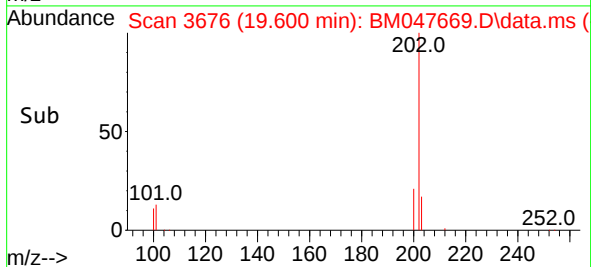
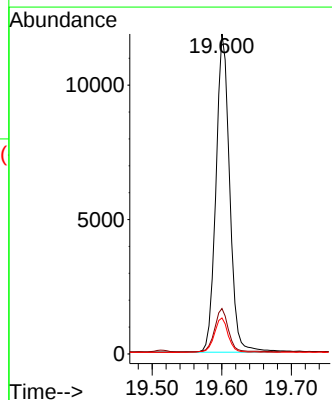
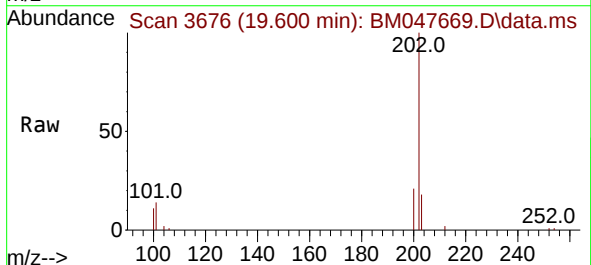
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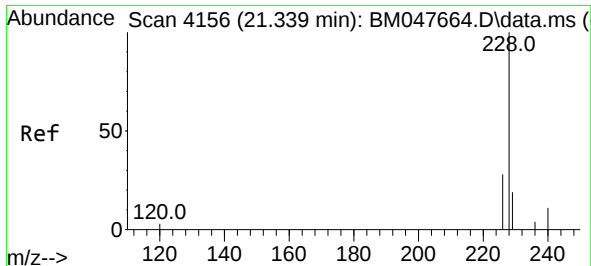
Tgt Ion:202 Resp: 14785
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
100 8.4 7.4 11.2



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.600 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:202 Resp: 16221
Ion Ratio Lower Upper
202 100
101 14.2 10.7 16.1
100 11.2 8.2 12.2

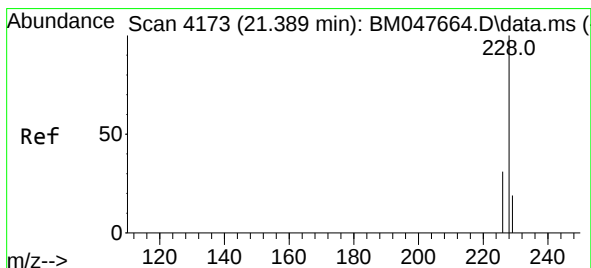
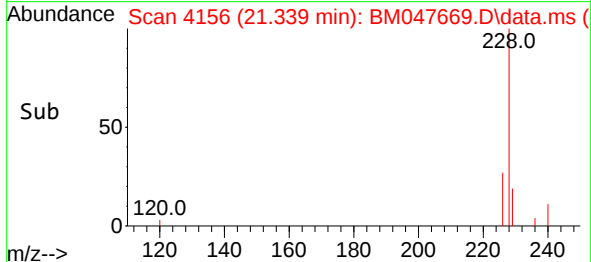
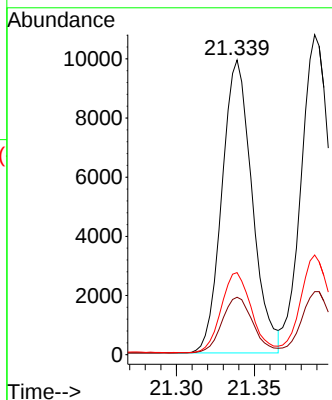
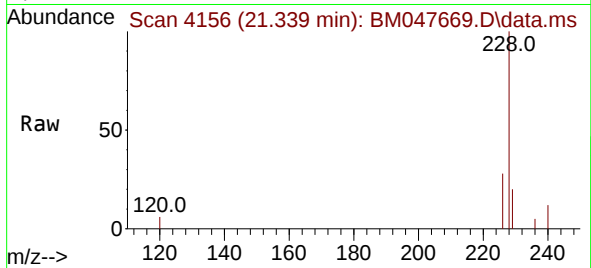




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.339 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

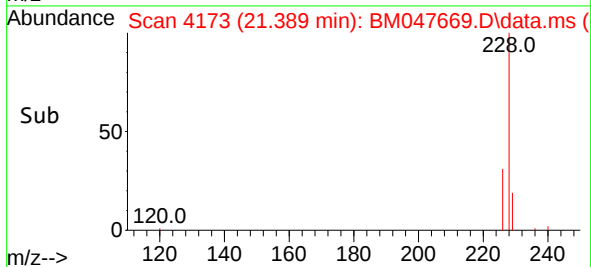
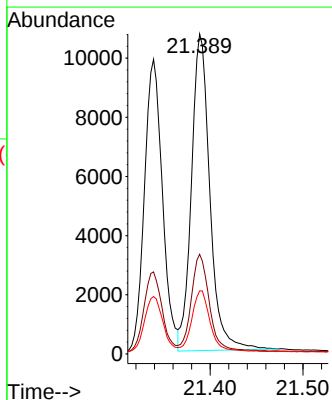
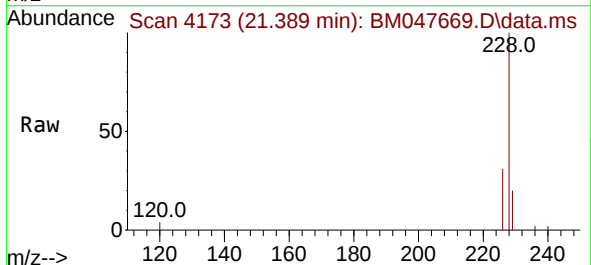
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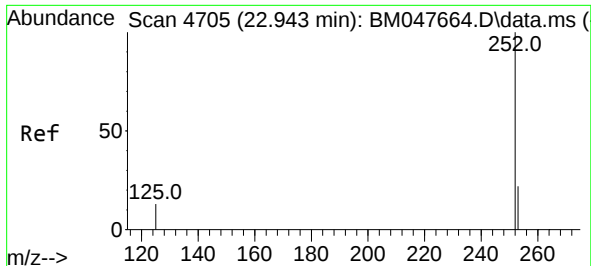
Tgt Ion:228 Resp: 13365
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.389 min Scan# 4173
Delta R.T. -0.005 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:228 Resp: 14751
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 19.7 15.7 23.5

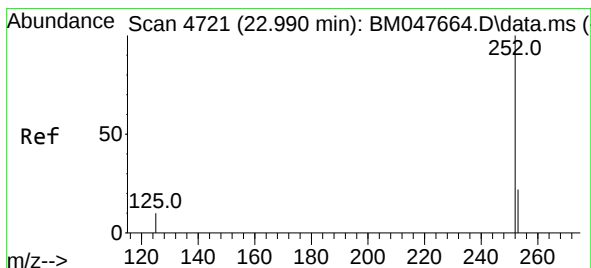
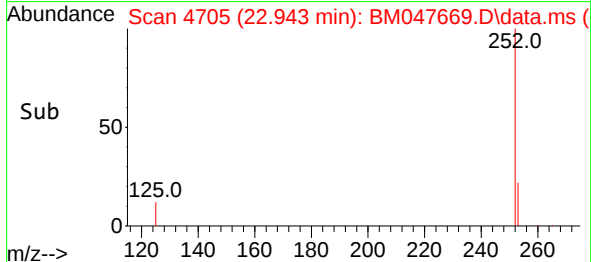
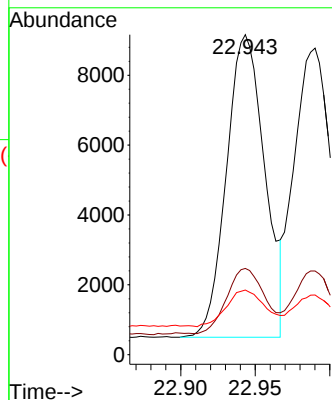
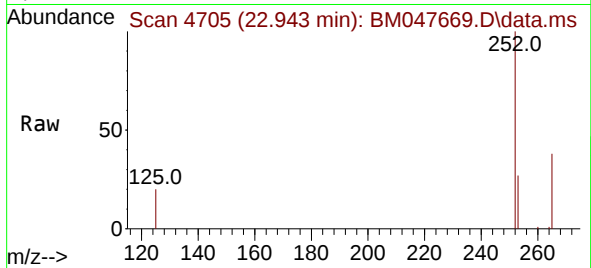




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.943 min Scan# 4705
Delta R.T. -0.006 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

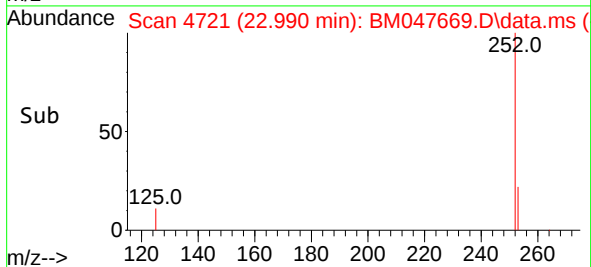
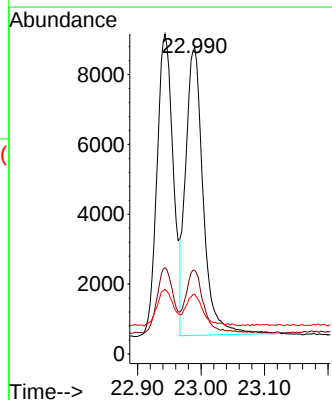
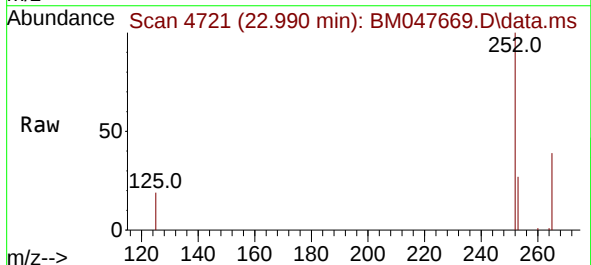
Instrument :
BNA_M
ClientSampleId :
SLCS687

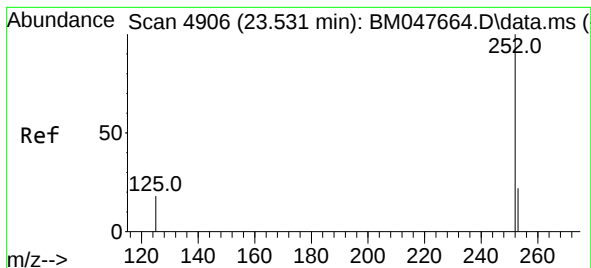
Tgt Ion:	252	Resp:	15455
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	52.4
125	20.2	0.0	36.4



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.003 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:	252	Resp:	15751
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.0	31.6
125	19.5	14.6	21.8





#26

Benzo(a)pyrene

Concen: 0.416 ng/ul

RT: 23.531 min Scan# 4906

Delta R.T. -0.003 min

Lab File: BM047669.D

Acq: 27 Sep 2024 07:19

Instrument :

BNA_M

ClientSampleId :

SLCS687

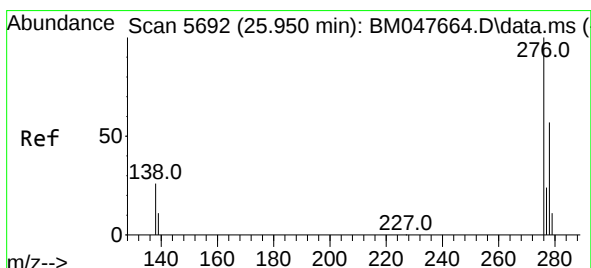
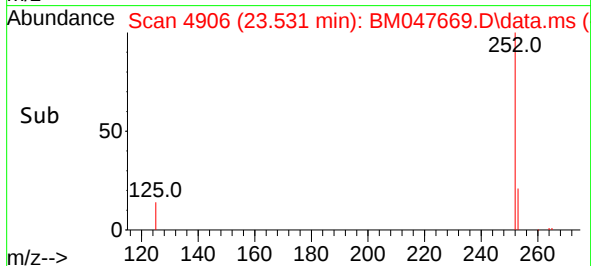
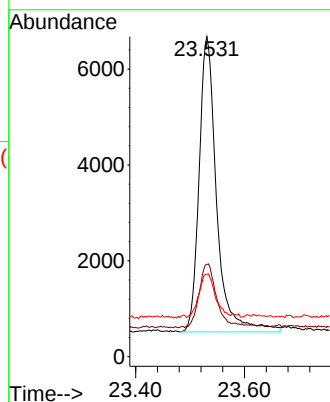
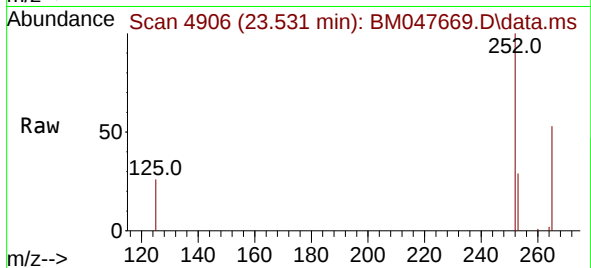
Tgt Ion:252 Resp: 13759

Ion Ratio Lower Upper

252 100

253 28.8 23.0 34.4

125 25.8 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng/ul

RT: 25.950 min Scan# 5692

Delta R.T. -0.010 min

Lab File: BM047669.D

Acq: 27 Sep 2024 07:19

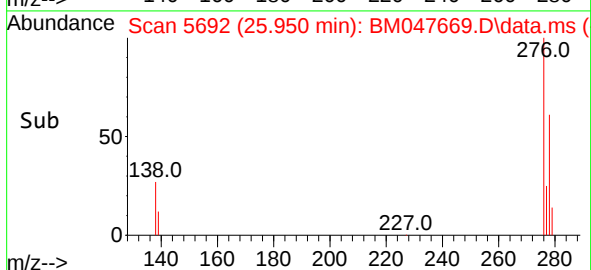
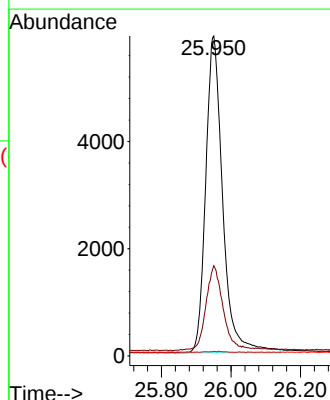
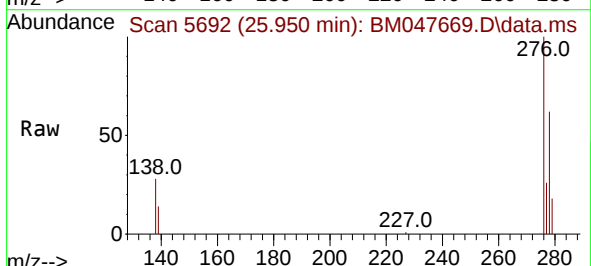
Tgt Ion:276 Resp: 20060

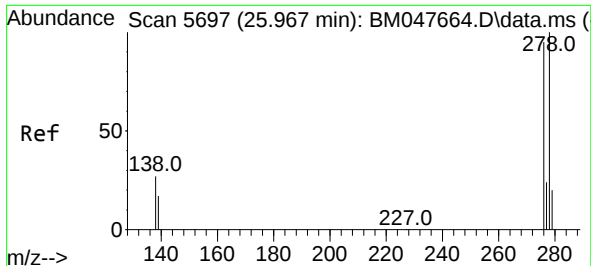
Ion Ratio Lower Upper

276 100

138 26.9 22.0 33.0

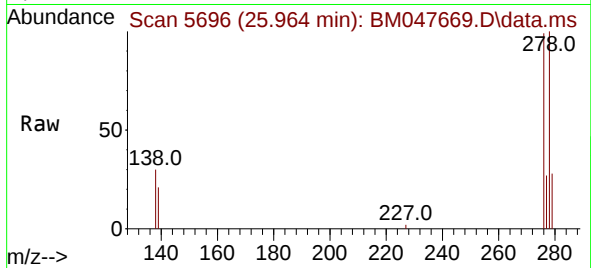
227 0.1 0.2 0.4



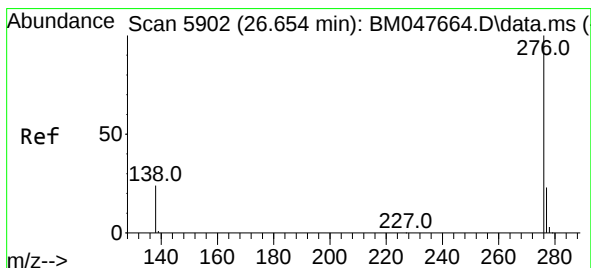
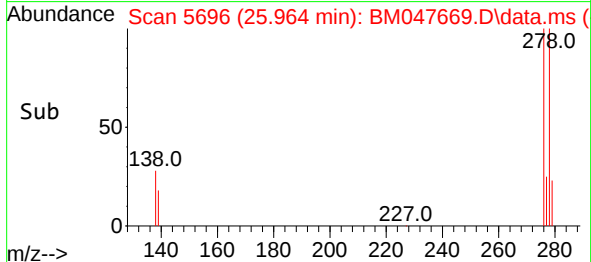
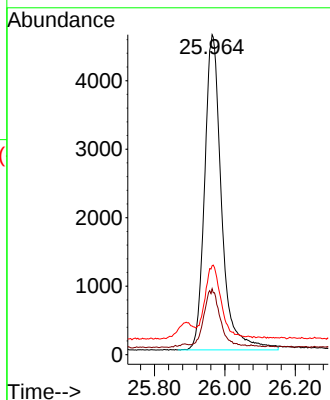


#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.964 min Scan# 5696
Delta R.T. -0.010 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Instrument :
BNA_M
ClientSampleId :
SLCS687



Tgt Ion:278 Resp: 15359
Ion Ratio Lower Upper
278 100
139 20.6 16.8 25.2
279 27.8 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 26.654 min Scan# 5902
Delta R.T. -0.013 min
Lab File: BM047669.D
Acq: 27 Sep 2024 07:19

Tgt Ion:276 Resp: 16459
Ion Ratio Lower Upper
276 100
138 25.2 20.2 30.2
277 26.1 19.8 29.6

