

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047668.D
 Acq On : 27 Sep 2024 06:42
 Operator : RC/JU
 Sample : PB163685BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS685

Quant Time: Sep 27 07:12:00 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

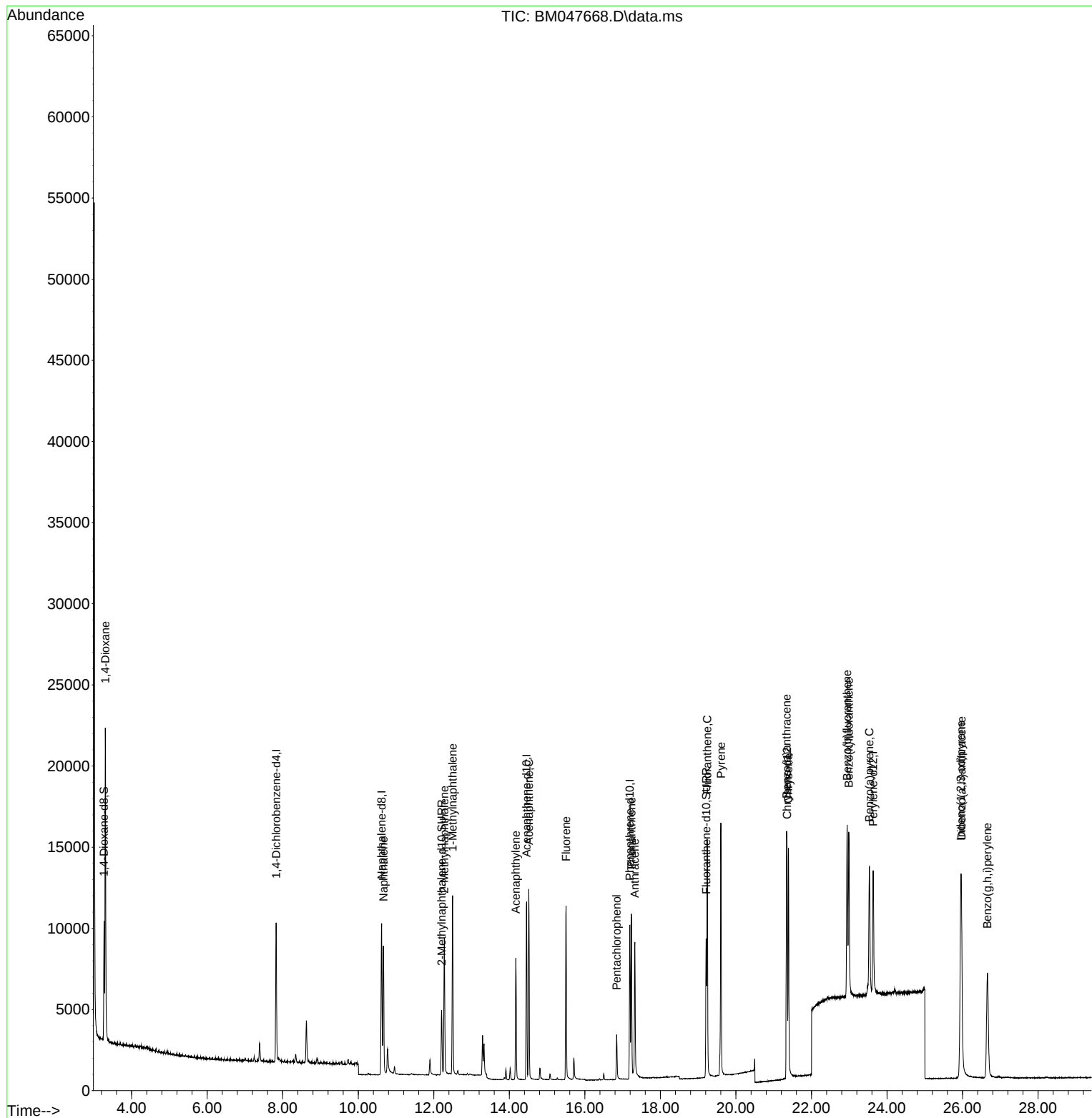
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	4576	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	12740	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	6091	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	11900	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	9849	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	10829	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	4083	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	5355	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	9803	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.303	88	11757	1.671	ng/ul#	80
5) Naphthalene	10.667	128	11292	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	6397	0.307	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	7816	0.358	ng/ul	100
10) Acenaphthylene	14.174	152	8614	0.291	ng/ul	99
11) Acenaphthene	14.516	153	6600	0.325	ng/ul	99
12) Fluorene	15.501	166	7006	0.305	ng/ul	99
14) Pentachlorophenol	16.841	266	1959	0.547	ng/ul	99
15) Phenanthrene	17.230	178	11082	0.314	ng/ul	100
16) Anthracene	17.323	178	9649	0.307	ng/ul	99
19) Fluoranthene	19.239	202	12914	0.312	ng/ul	99
20) Pyrene	19.602	202	13610	0.308	ng/ul	99
21) Benzo(a)anthracene	21.338	228	11983	0.288	ng/ul	100
22) Chrysene	21.388	228	13211	0.305	ng/ul	99
24) Benzo(b)fluoranthene	22.943	252	13895	0.295	ng/ul	95
25) Benzo(k)fluoranthene	22.990	252	14626	0.309	ng/ul	96
26) Benzo(a)pyrene	23.533	252	12589	0.339	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.953	276	18014	0.304	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.970	278	13860	0.311	ng/ul	98
29) Benzo(g,h,i)perylene	26.657	276	14948	0.315	ng/ul	99

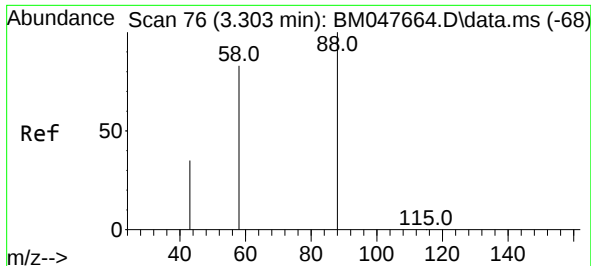
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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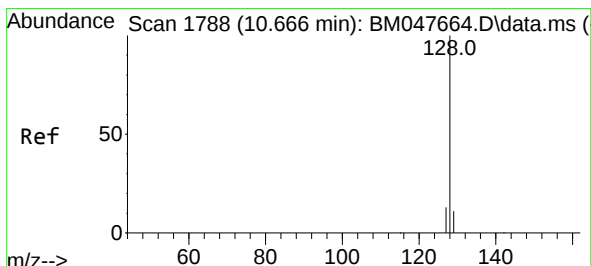
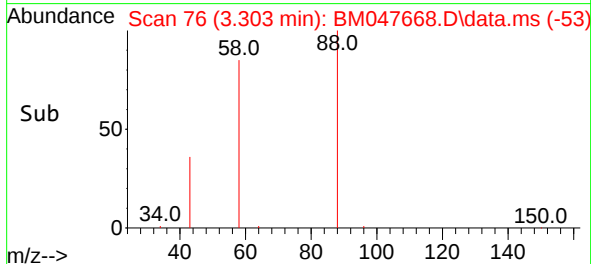
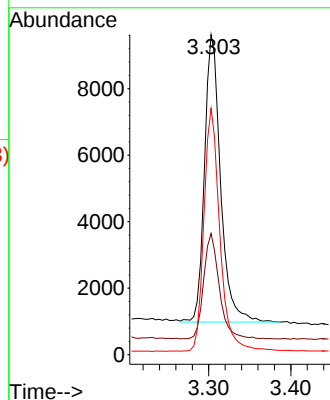
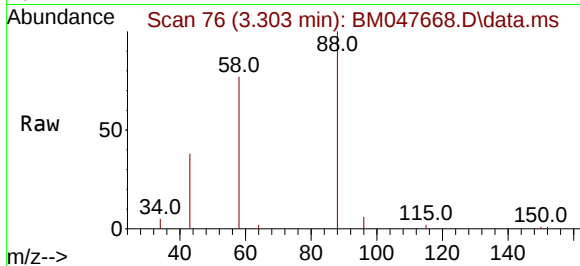




#2
1,4-Dioxane
Concen: 1.671 ng/ul
RT: 3.303 min Scan# 76
Delta R.T. -0.004 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

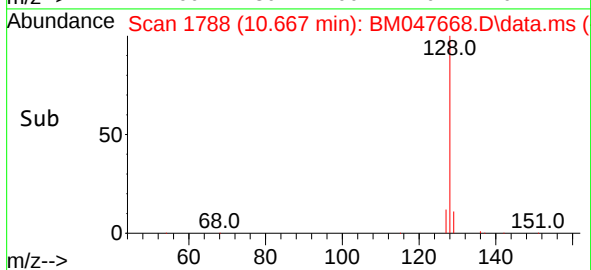
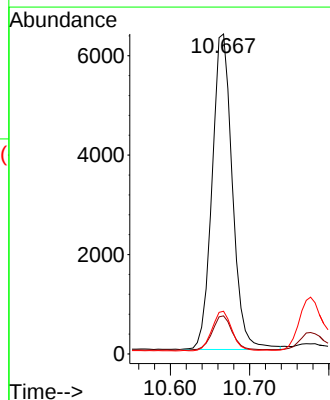
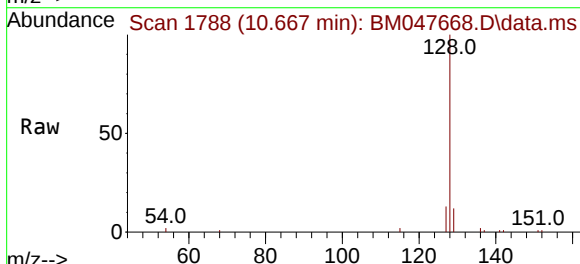
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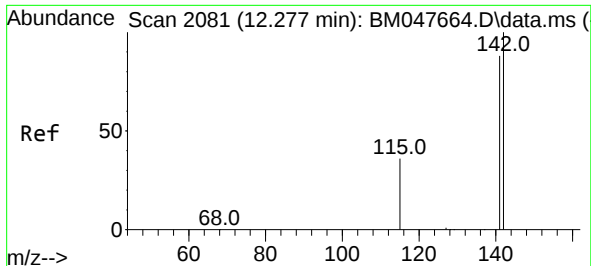
Tgt Ion: 88 Resp: 11757
Ion Ratio Lower Upper
88 100
43 37.8 30.9 46.3
58 77.0 42.5 63.7#



#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion: 128 Resp: 11292
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.4 10.4 15.6

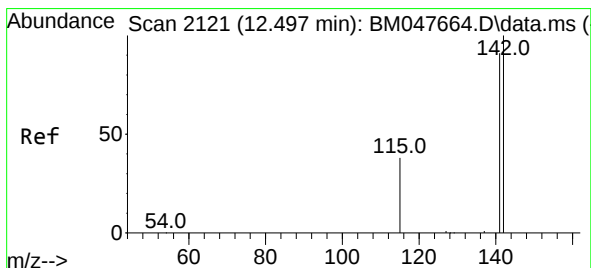
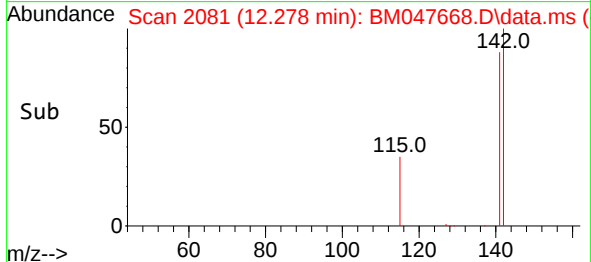
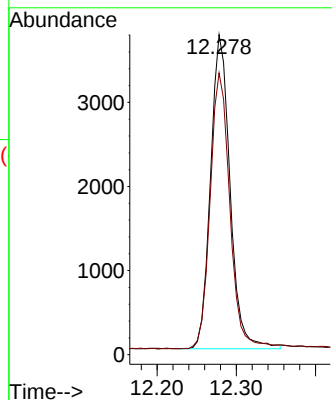
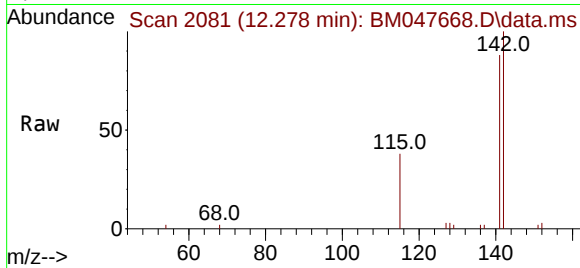




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

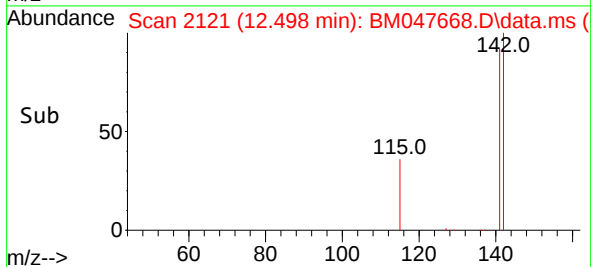
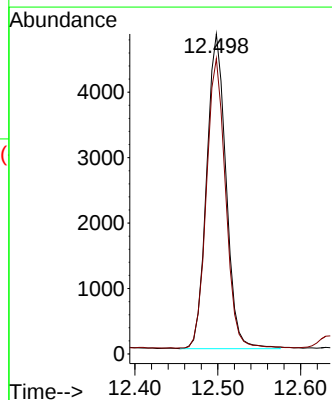
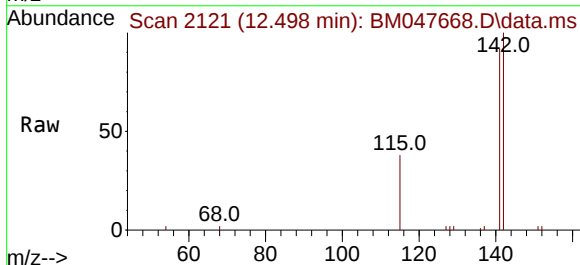
Instrument :
BNA_M
ClientSampleId :
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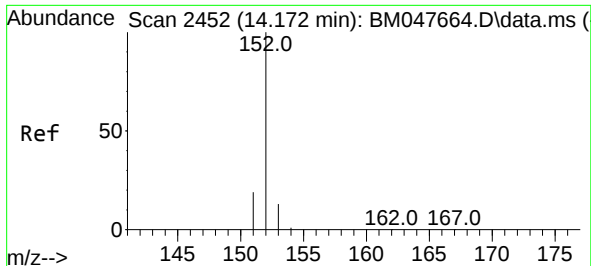
Tgt Ion:142 Resp: 6397
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.498 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:142 Resp: 7816
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3

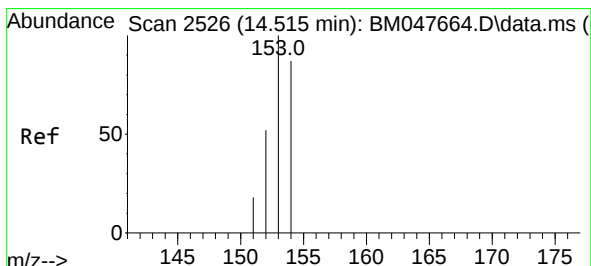
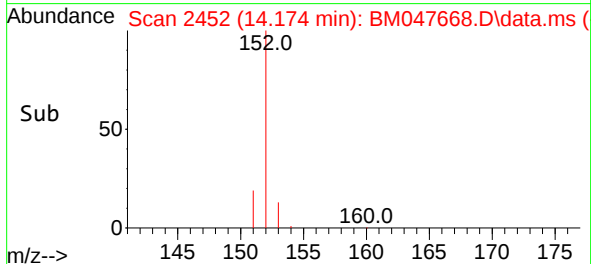
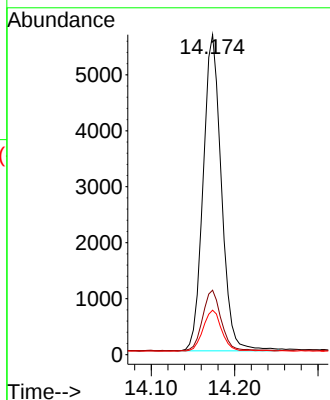
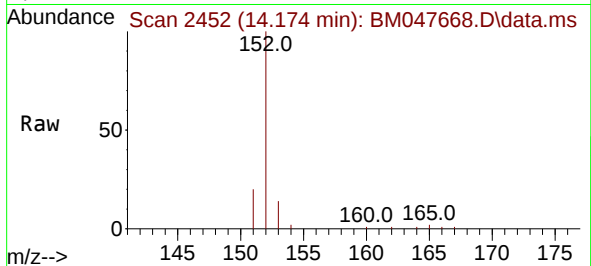




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

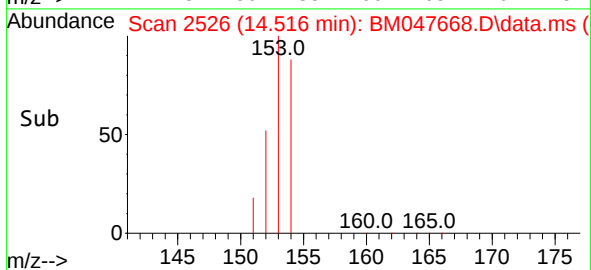
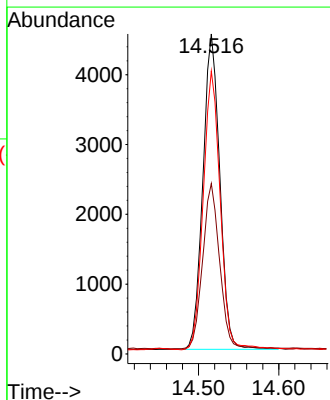
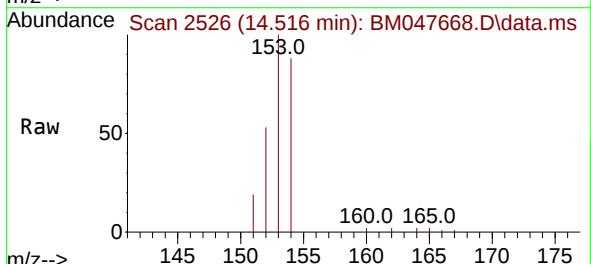
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ClientSampleId :
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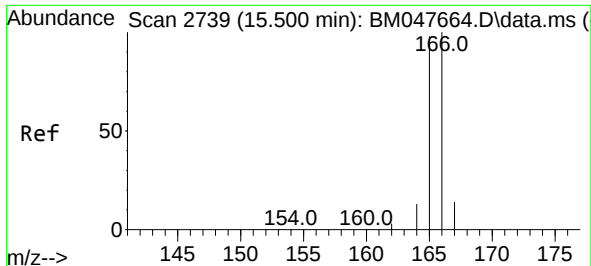
Tgt Ion:152 Resp: 8614
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:153 Resp: 6600
Ion Ratio Lower Upper
153 100
152 53.3 41.7 62.5
154 88.4 71.2 106.8

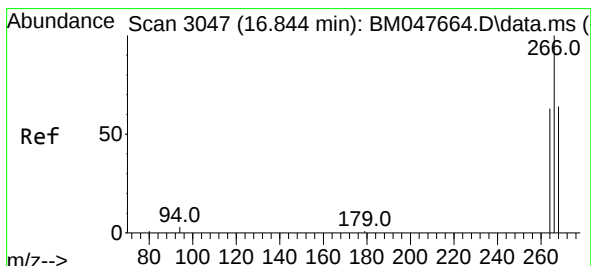
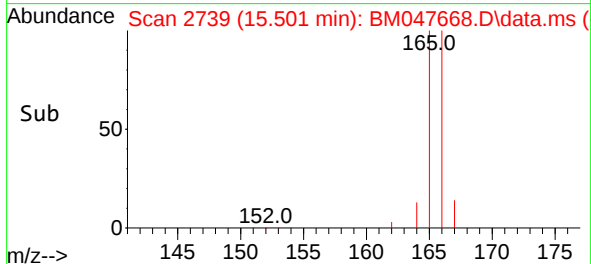
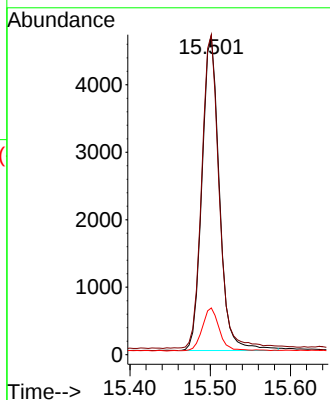
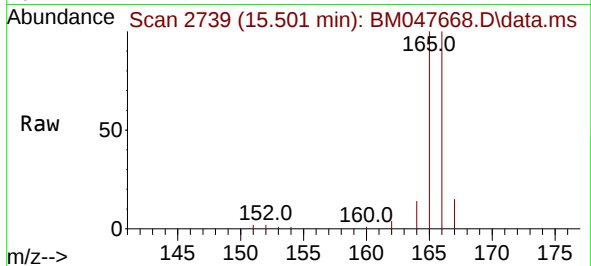




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

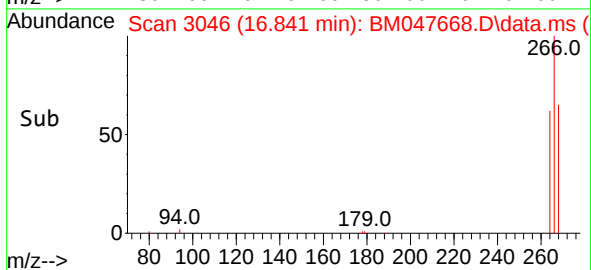
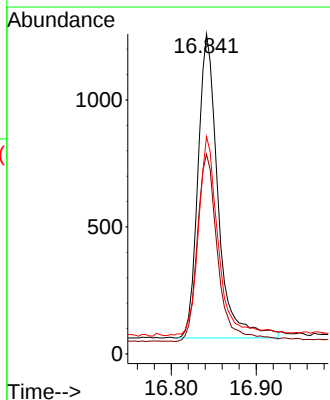
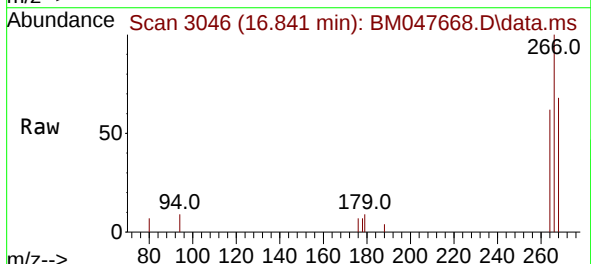
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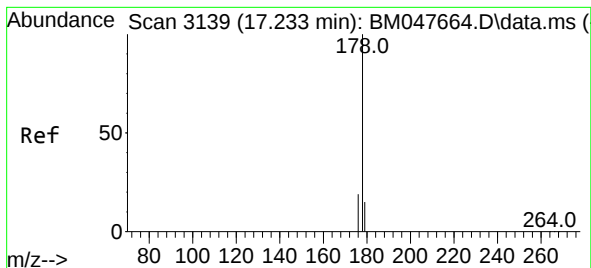
Tgt Ion:166 Resp: 7006
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.2
167 14.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.547 ng/ul
RT: 16.841 min Scan# 3046
Delta R.T. -0.009 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:266 Resp: 1959
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 65.1 51.2 76.8





#15

Phenanthrene

Concen: 0.314 ng/ul

RT: 17.230 min Scan# 3139

Delta R.T. -0.009 min

Lab File: BM047668.D

Acq: 27 Sep 2024 06:42

Instrument :

BNA_M

ClientSampleId :

SLCS685

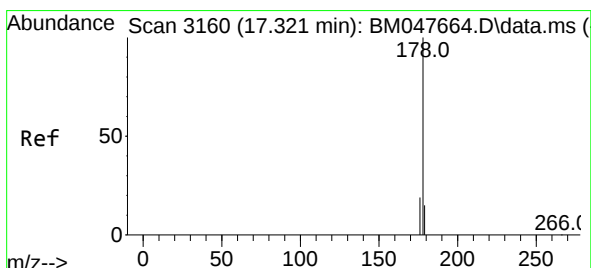
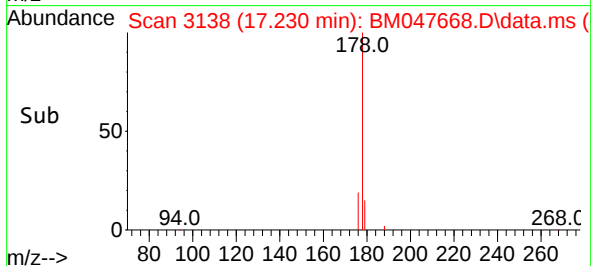
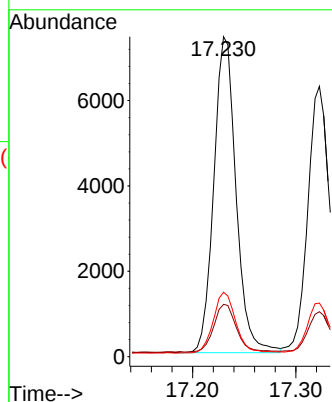
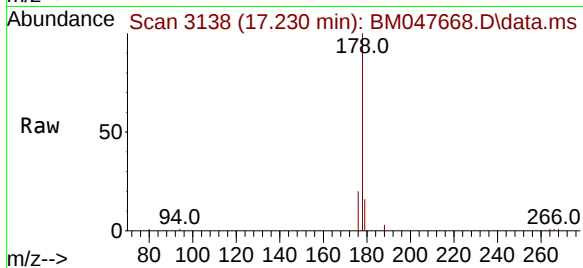
Tgt Ion:178 Resp: 11082

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 20.2 15.9 23.9



#16

Anthracene

Concen: 0.307 ng/ul

RT: 17.323 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BM047668.D

Acq: 27 Sep 2024 06:42

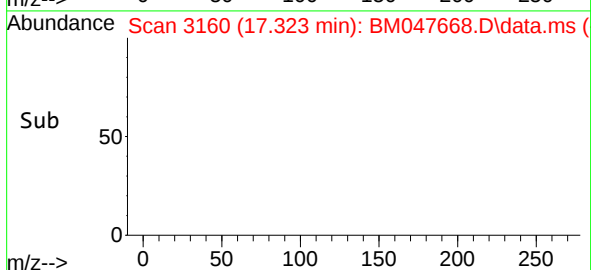
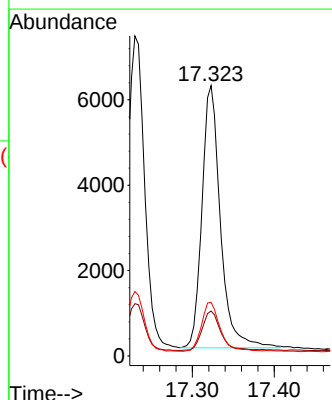
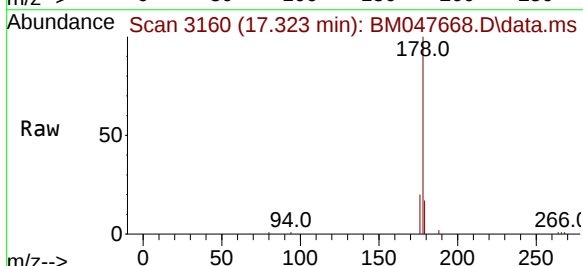
Tgt Ion:178 Resp: 9649

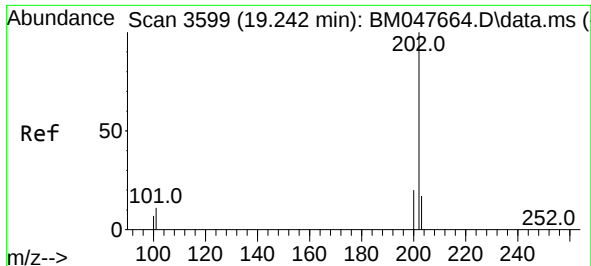
Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.4

176 19.8 15.4 23.2

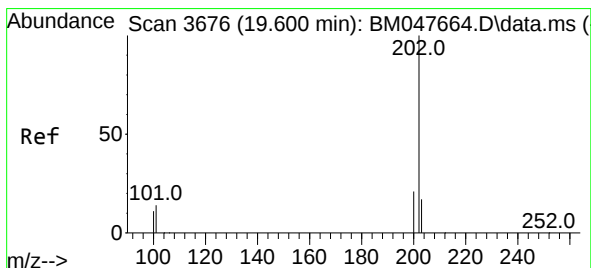
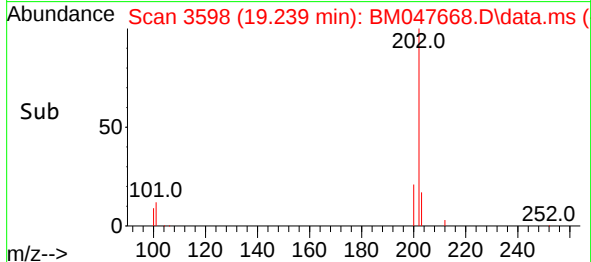
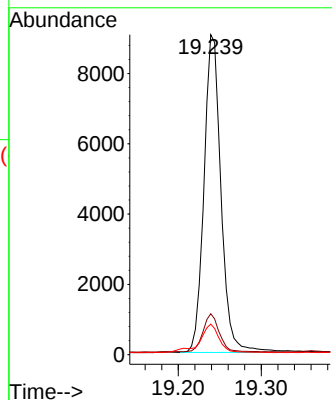
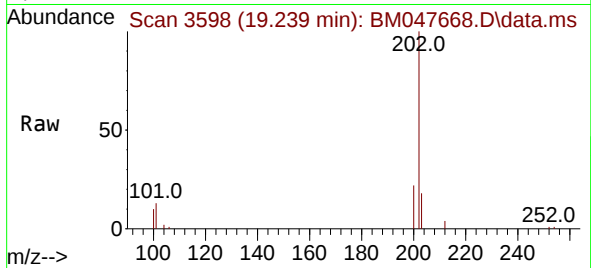




#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

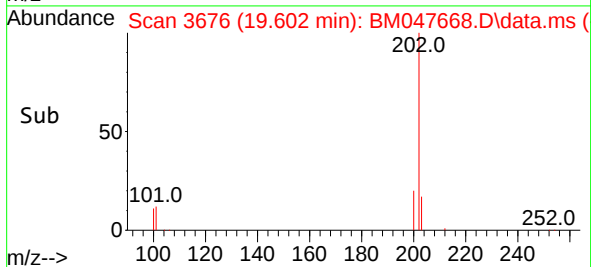
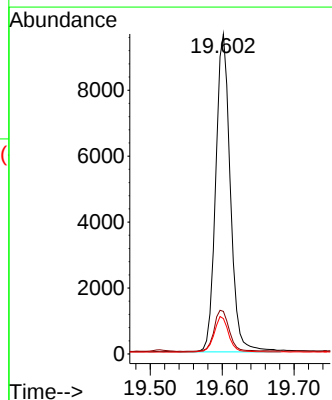
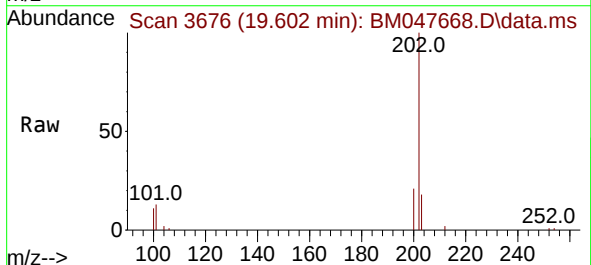
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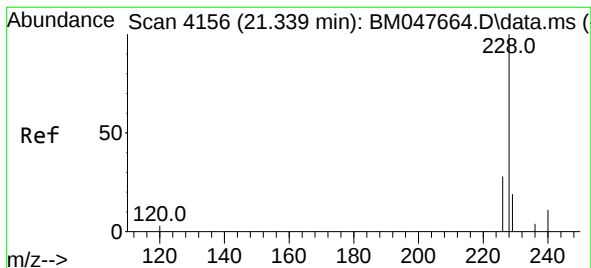
Tgt Ion:202 Resp: 12914
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 9.5 7.4 11.2



#20
Pyrene
Concen: 0.308 ng/ul
RT: 19.602 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:202 Resp: 13610
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 11.1 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.288 ng/ul

RT: 21.338 min Scan# 4156

Delta R.T. -0.003 min

Lab File: BM047668.D

Acq: 27 Sep 2024 06:42

Instrument :

BNA_M

ClientSampleId :

SLCS685

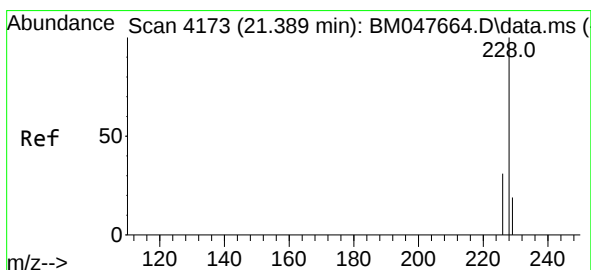
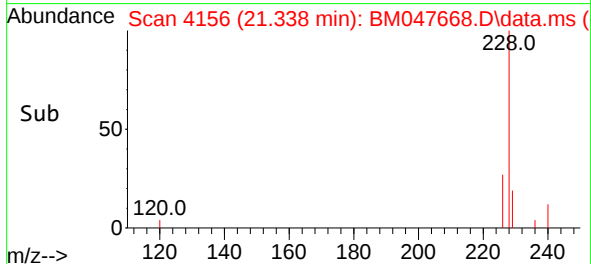
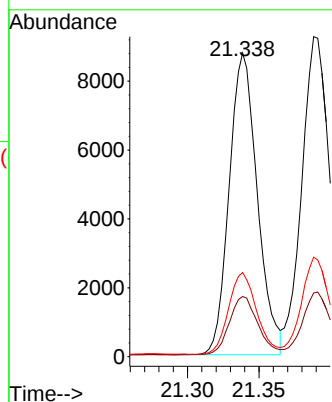
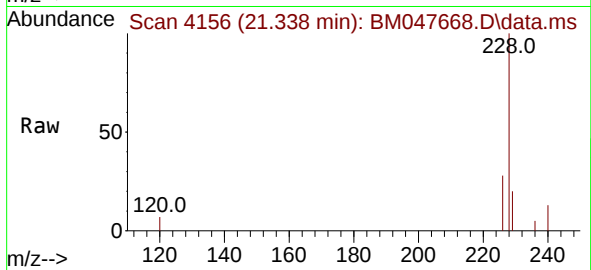
Tgt Ion:228 Resp: 11983

Ion Ratio Lower Upper

228 100

229 19.8 15.9 23.9

226 27.7 22.1 33.1



#22

Chrysene

Concen: 0.305 ng/ul

RT: 21.388 min Scan# 4173

Delta R.T. -0.006 min

Lab File: BM047668.D

Acq: 27 Sep 2024 06:42

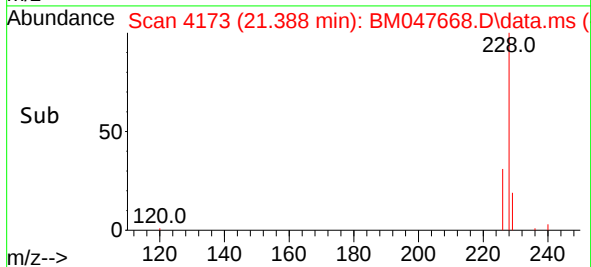
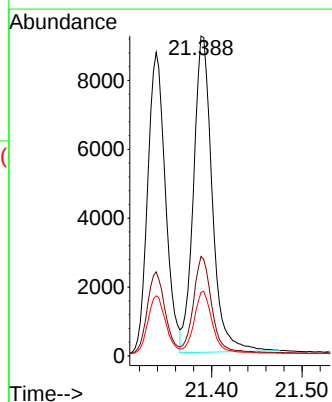
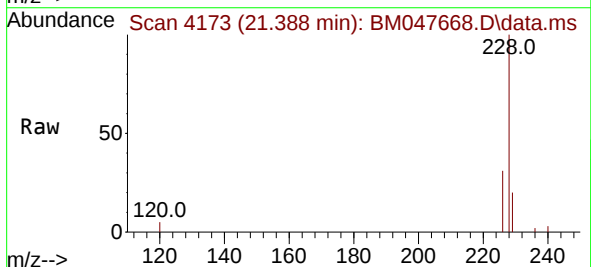
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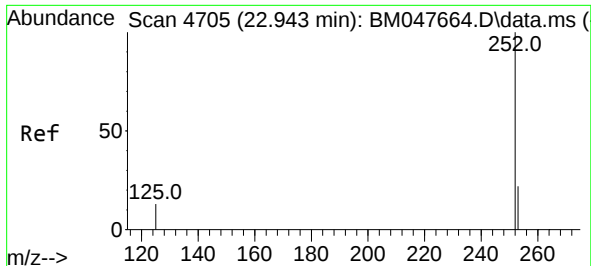
Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 19.9 15.7 23.5

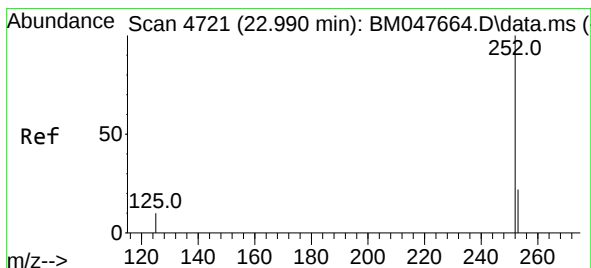
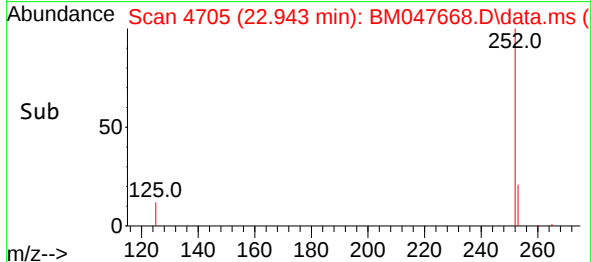
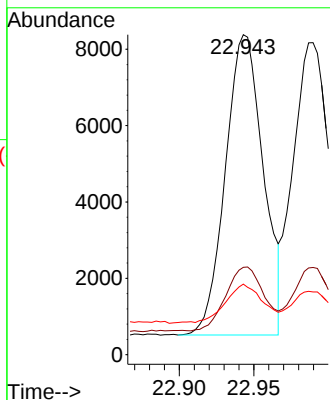
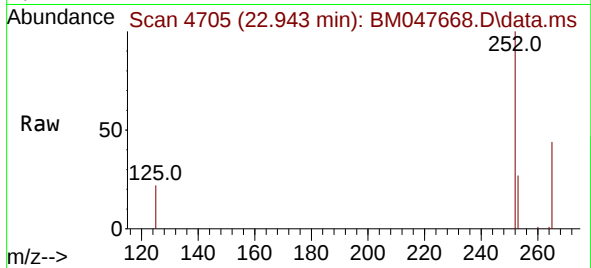




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 22.943 min Scan# 4705
Delta R.T. -0.006 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

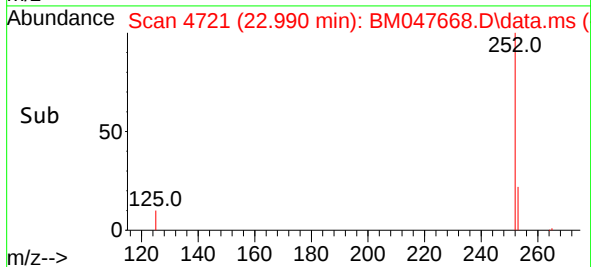
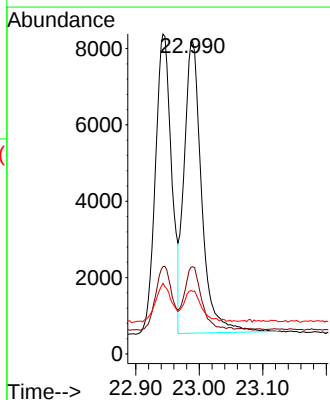
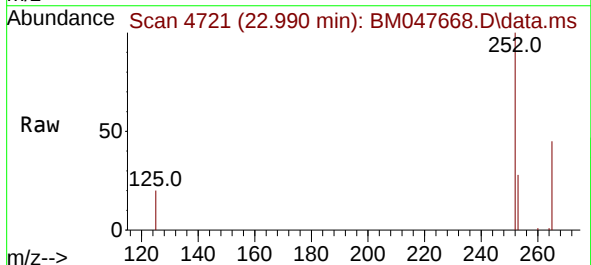
Instrument :
BNA_M
ClientSampleId :
SLCS685

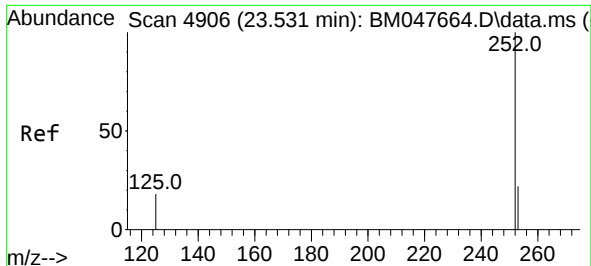
Tgt Ion:252 Resp: 13895
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.4
125 22.1 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.003 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:252 Resp: 14626
Ion Ratio Lower Upper
252 100
253 27.9 21.0 31.6
125 20.1 14.6 21.8

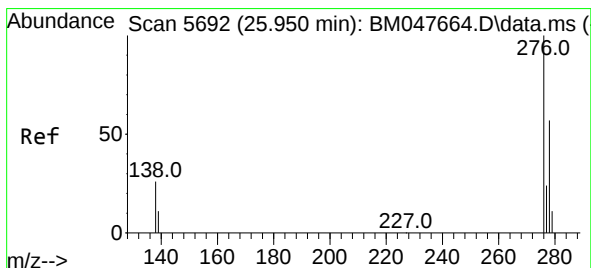
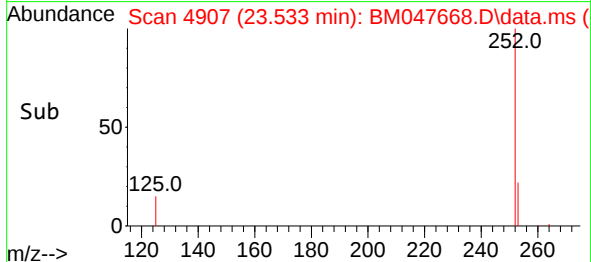
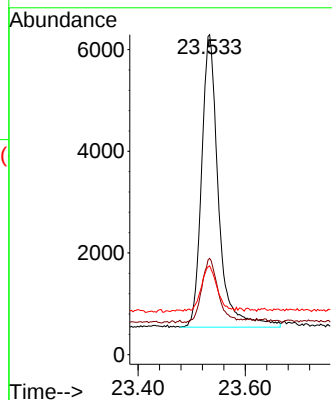
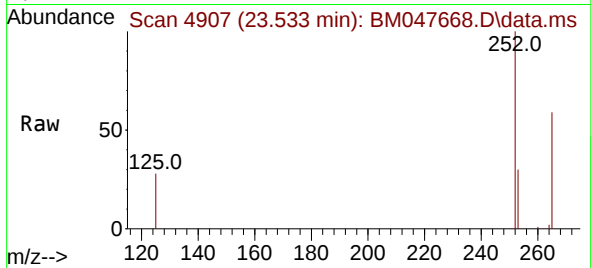




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.533 min Scan# 4906
Delta R.T. -0.000 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

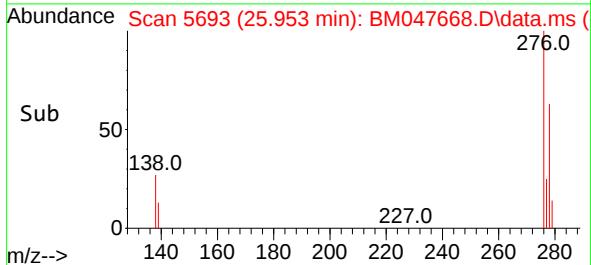
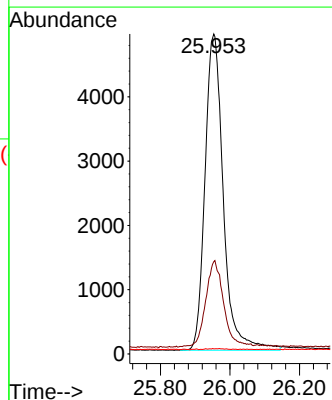
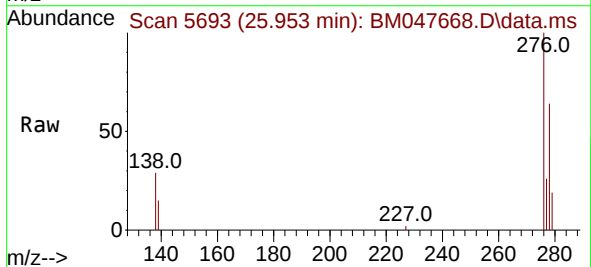
Instrument :
BNA_M
ClientSampleId :
SLCS685

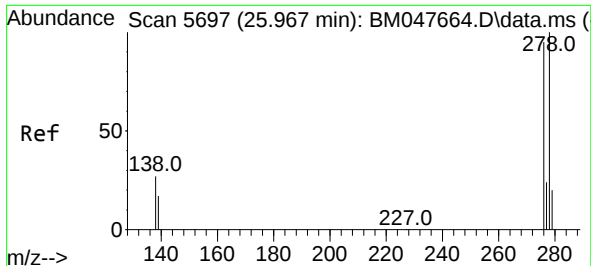
Tgt Ion:252 Resp: 12589
Ion Ratio Lower Upper
252 100
253 30.1 23.0 34.4
125 27.7 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. -0.007 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:276 Resp: 18014
Ion Ratio Lower Upper
276 100
138 26.7 22.0 33.0
227 0.2 0.2 0.4

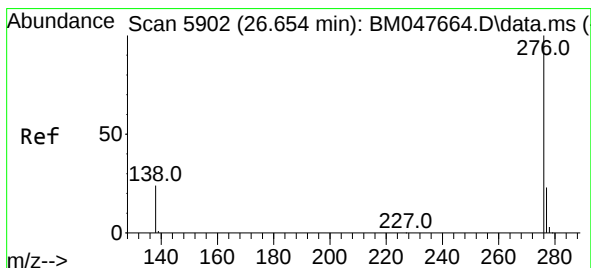
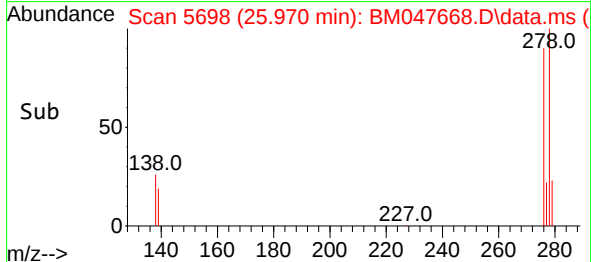
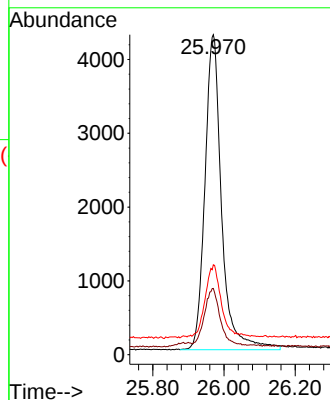
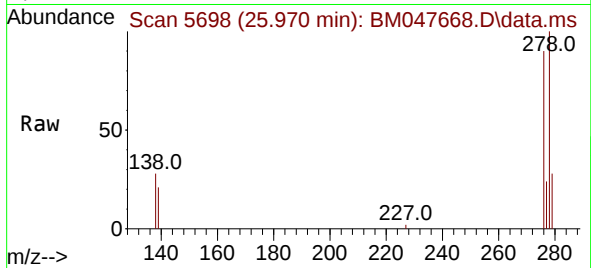




#28
Dibenzo(a,h)anthracene
Concen: 0.311 ng/ul
RT: 25.970 min Scan# 5698
Delta R.T. -0.003 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Instrument :
BNA_M
ClientSampleId :
SLCS685

Tgt Ion:278 Resp: 13860
Ion Ratio Lower Upper
278 100
139 20.7 16.8 25.2
279 28.1 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 26.657 min Scan# 5903
Delta R.T. -0.010 min
Lab File: BM047668.D
Acq: 27 Sep 2024 06:42

Tgt Ion:276 Resp: 14948
Ion Ratio Lower Upper
276 100
138 25.5 20.2 30.2
277 25.0 19.8 29.6

