

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
 Data File : BM047656.D
 Acq On : 26 Sep 2024 22:47
 Operator : RC/JU
 Sample : P4164-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P4164-01MS

Quant Time: Sep 27 00:27:50 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)

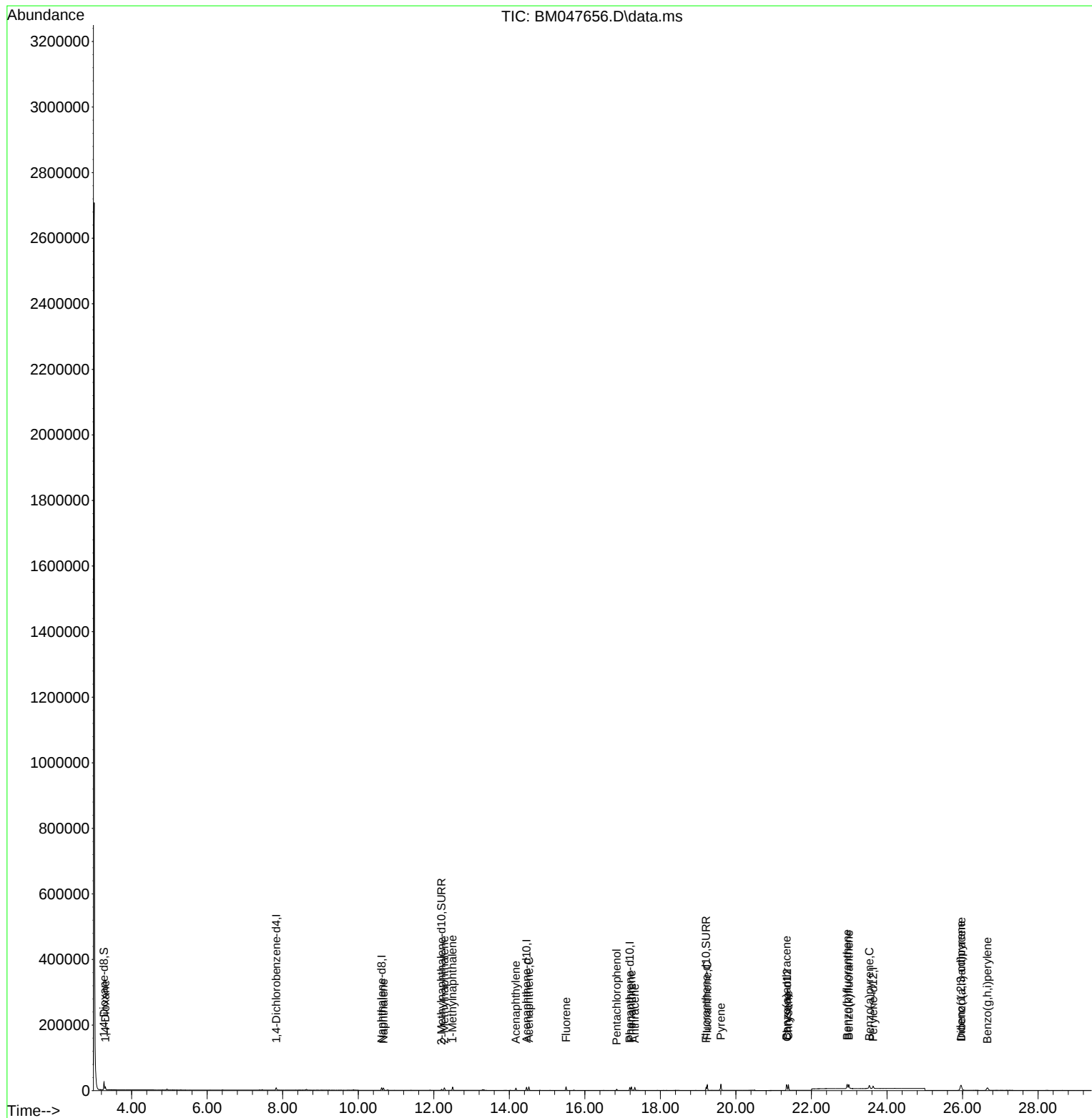
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	3689	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	10667	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.454	164	5304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.190	188	10446	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	8689	0.400	ng/ul	0.00
23) Perylene-d12	23.633	264	9691	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	13596	2.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	4563	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.210	212	10911	0.410	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.303	88	5263	0.928	ng/ul#	87
5) Naphthalene	10.666	128	9915	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.282	142	5776	0.331	ng/ul	98
8) 1-Methylnaphthalene	12.497	142	7012	0.383	ng/ul	99
10) Acenaphthylene	14.172	152	8342	0.324	ng/ul	100
11) Acenaphthene	14.519	153	6274	0.355	ng/ul	99
12) Fluorene	15.500	166	6967	0.348	ng/ul	99
14) Pentachlorophenol	16.840	266	2539	0.808	ng/ul	98
15) Phenanthrene	17.233	178	11803	0.381	ng/ul	99
16) Anthracene	17.321	178	10210	0.370	ng/ul	99
19) Fluoranthene	19.242	202	14847	0.406	ng/ul	99
20) Pyrene	19.600	202	15825	0.407	ng/ul	97
21) Benzo(a)anthracene	21.339	228	13993	0.381	ng/ul	100
22) Chrysene	21.388	228	15190	0.397	ng/ul	100
24) Benzo(b)fluoranthene	22.946	252	16261	0.386	ng/ul	95
25) Benzo(k)fluoranthene	22.990	252	17051	0.402	ng/ul	97
26) Benzo(a)pyrene	23.531	252	14467	0.435	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.953	276	21325	0.403	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.967	278	16300	0.408	ng/ul	98
29) Benzo(g,h,i)perylene	26.661	276	17414	0.410	ng/ul	98

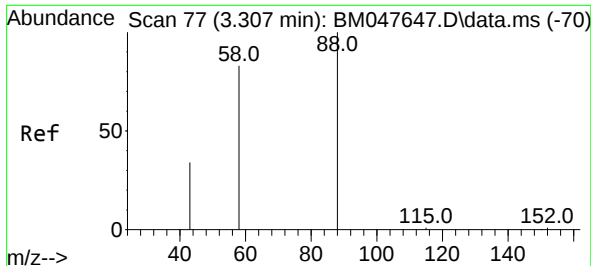
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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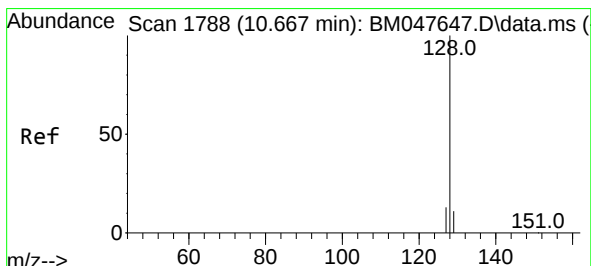
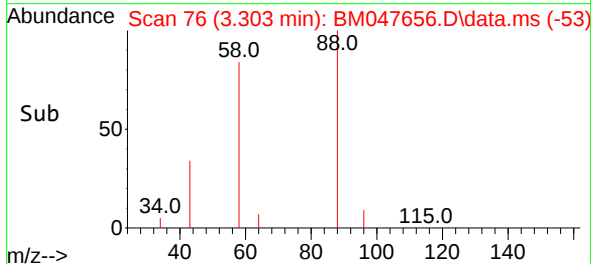
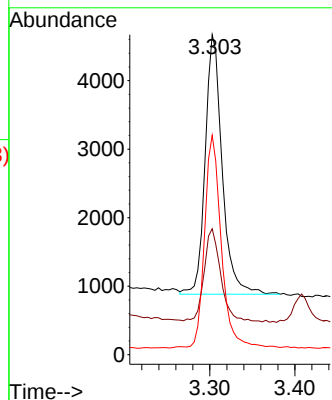
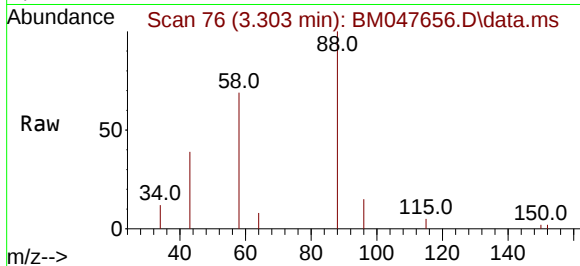




#2
1,4-Dioxane
Concen: 0.928 ng/ul
RT: 3.303 min Scan# 77
Delta R.T. -0.004 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

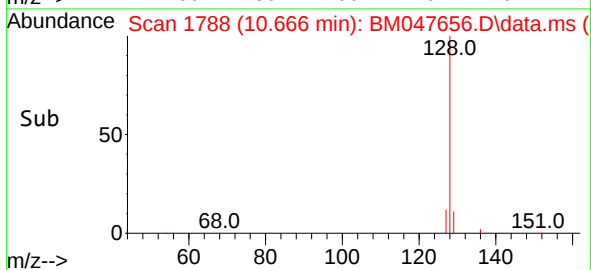
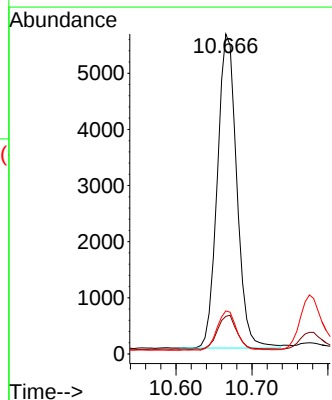
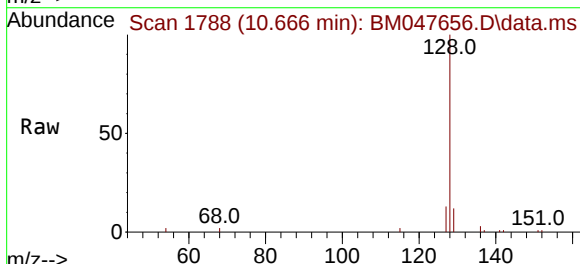
Instrument :
BNA_M
ClientSampleId :
P4164-01MS

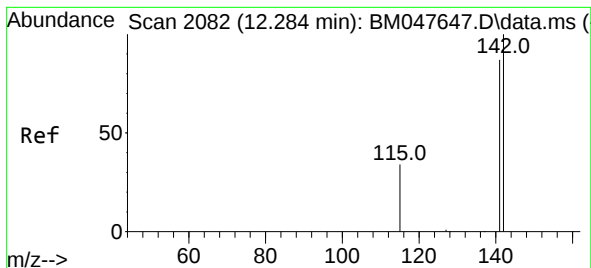
Tgt Ion: 88 Resp: 5263
Ion Ratio Lower Upper
88 100
43 39.4 30.9 46.3
58 68.6 42.5 63.7#



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.007 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion: 128 Resp: 9915
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.4 15.6

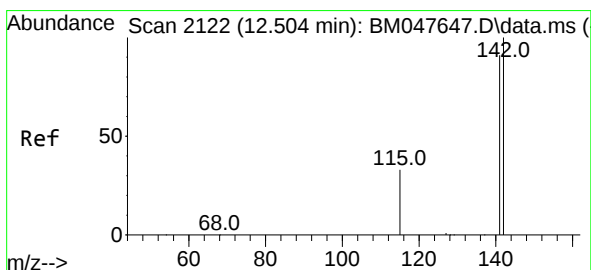
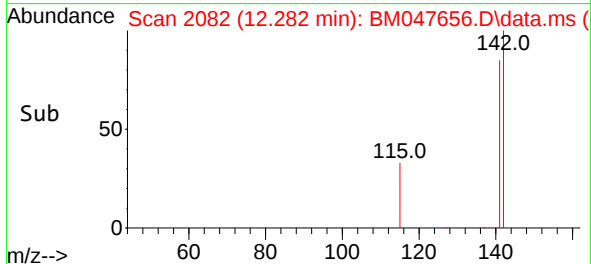
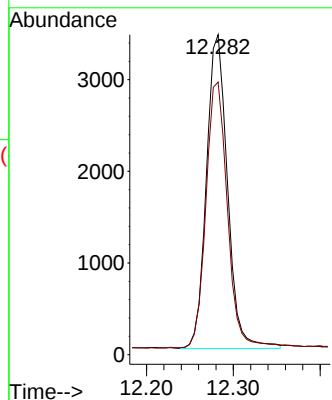
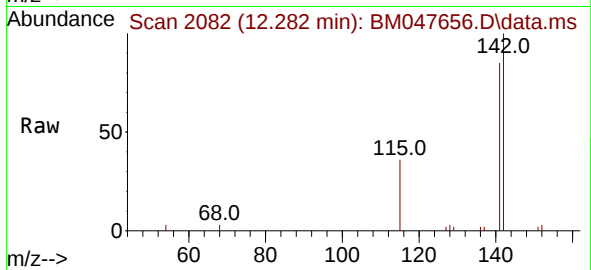




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.282 min Scan# 2082
Delta R.T. -0.001 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

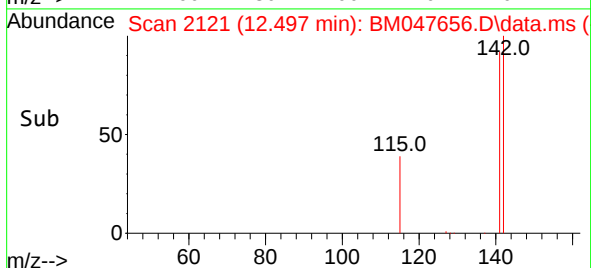
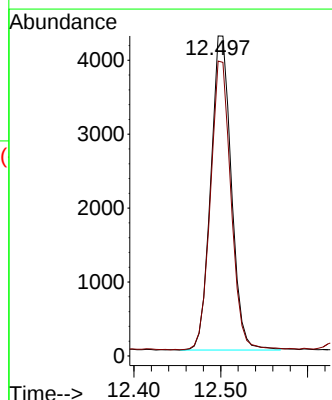
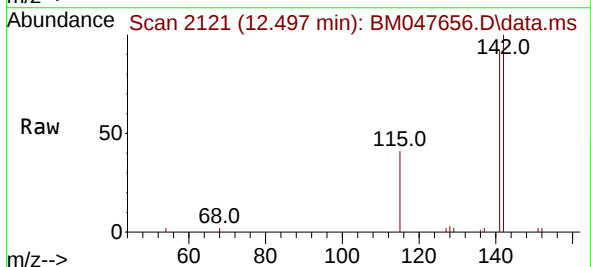
Instrument :
BNA_M
ClientSampleId :
P4164-01MS

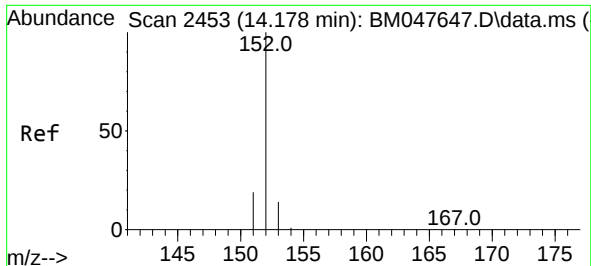
Tgt Ion:142 Resp: 5776
Ion Ratio Lower Upper
142 100
141 86.6 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion:142 Resp: 7012
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3

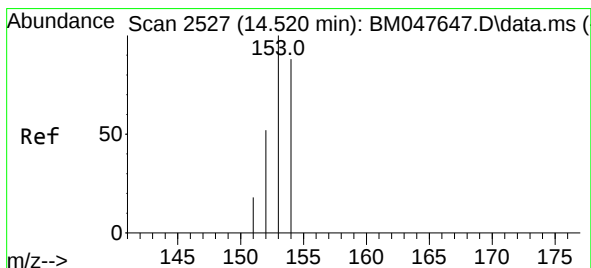
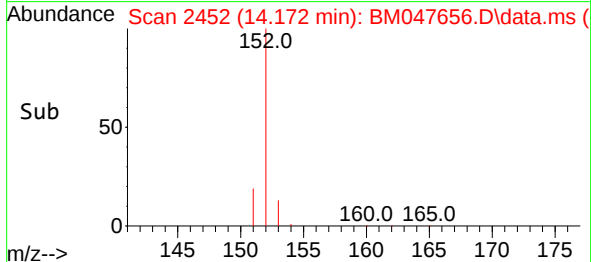
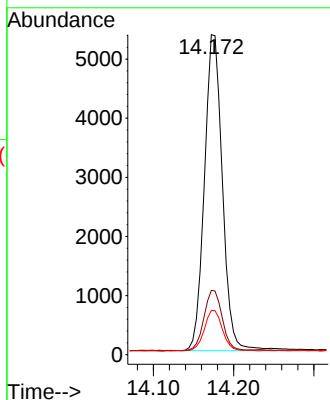
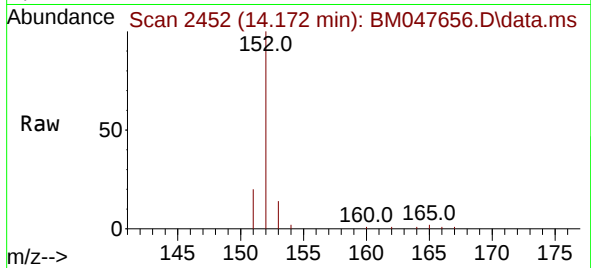




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

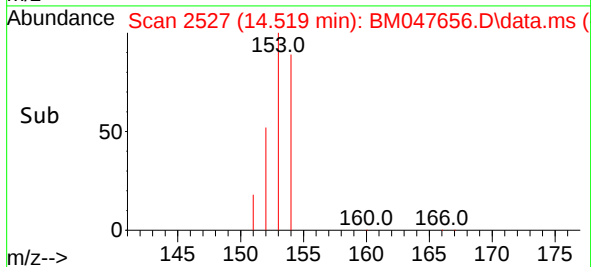
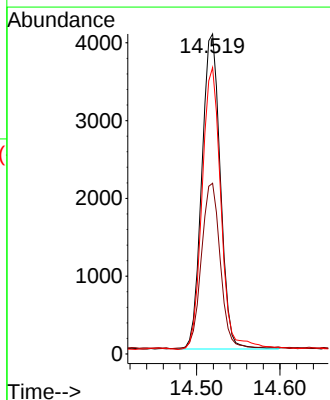
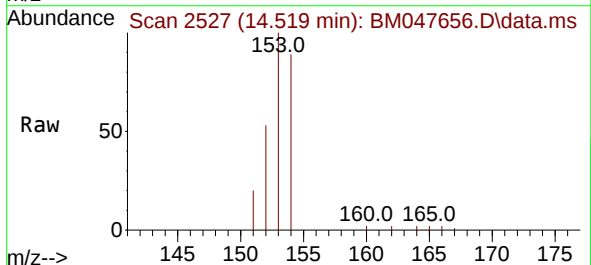
Instrument :
BNA_M
ClientSampleId :
P4164-01MS

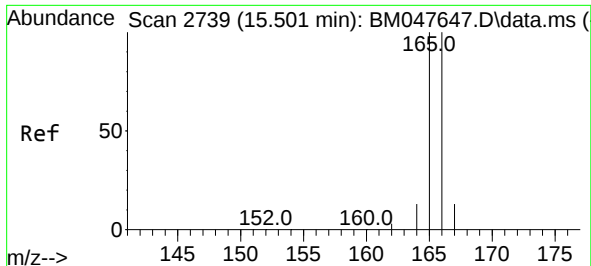
Tgt Ion:152 Resp: 8342
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.8 10.7 16.1



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.519 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion:153 Resp: 6274
Ion Ratio Lower Upper
153 100
152 53.4 41.7 62.5
154 89.5 71.2 106.8

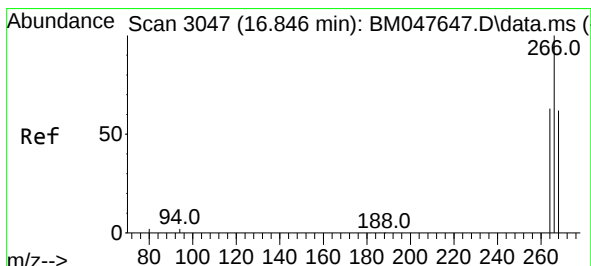
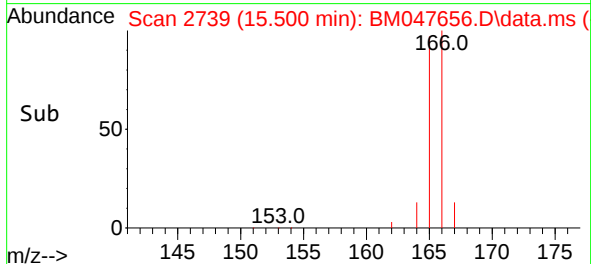
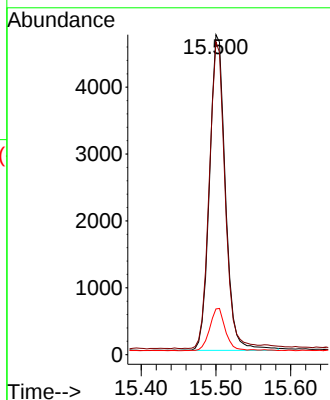
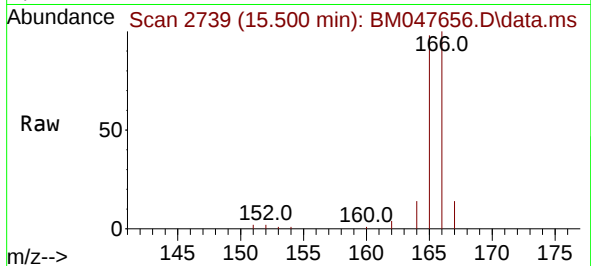




#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

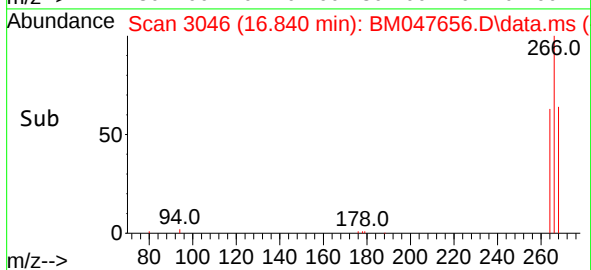
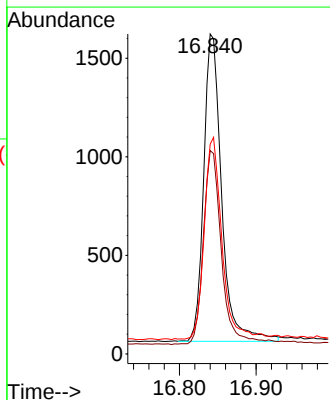
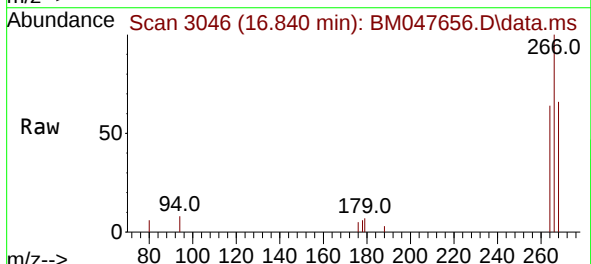
Instrument :
BNA_M
ClientSampleId :
P4164-01MS

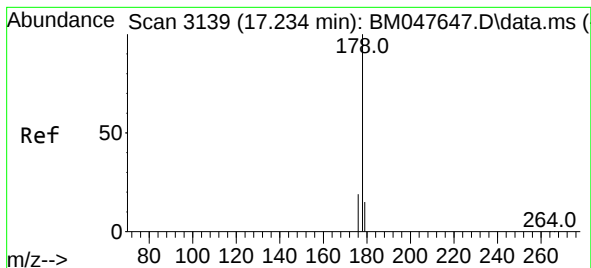
Tgt Ion:166 Resp: 6967
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.2
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.808 ng/ul
RT: 16.840 min Scan# 3046
Delta R.T. -0.010 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion:266 Resp: 2539
Ion Ratio Lower Upper
266 100
264 64.1 49.8 74.8
268 65.3 51.2 76.8





#15

Phenanthrene

Concen: 0.381 ng/ul

RT: 17.233 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM047656.D

Acq: 26 Sep 2024 22:47

Instrument :

BNA_M

ClientSampleId :

P4164-01MS

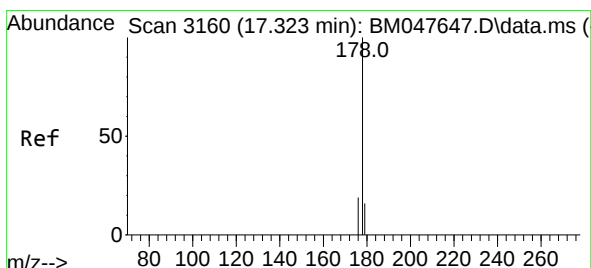
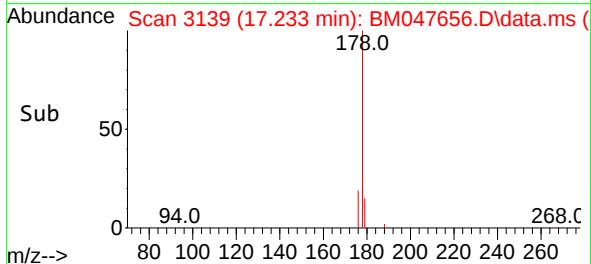
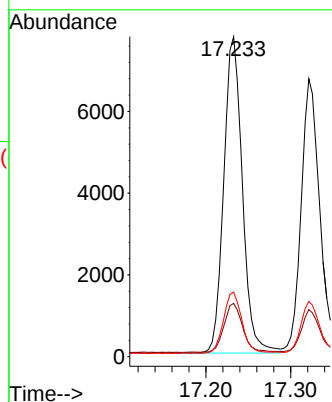
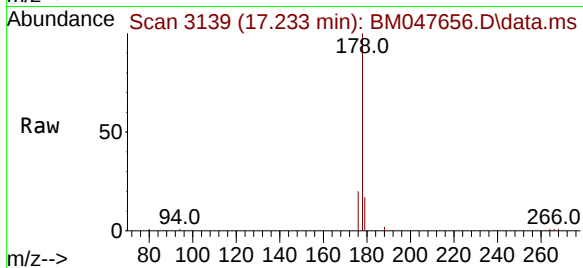
Tgt Ion:178 Resp: 11803

Ion Ratio Lower Upper

178 100

179 16.6 13.0 19.6

176 20.2 15.9 23.9



#16

Anthracene

Concen: 0.370 ng/ul

RT: 17.321 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BM047656.D

Acq: 26 Sep 2024 22:47

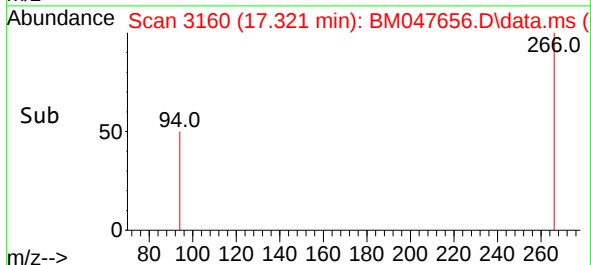
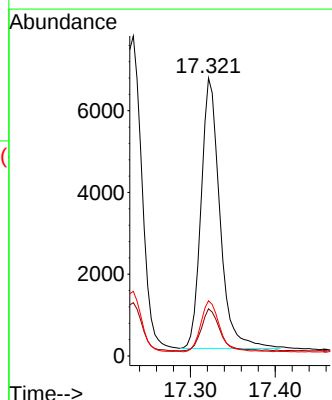
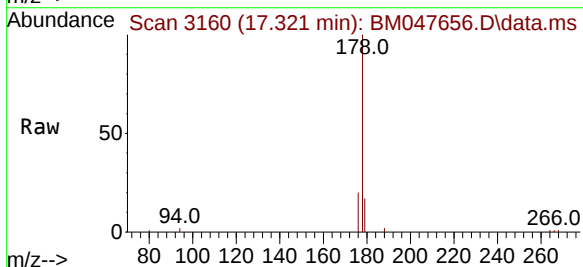
Tgt Ion:178 Resp: 10210

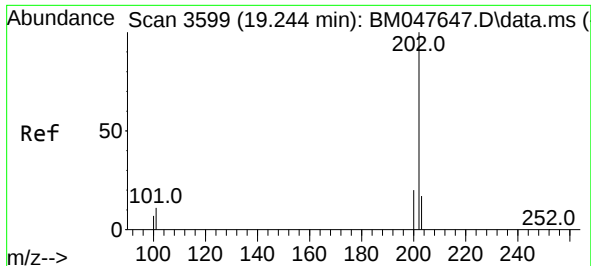
Ion Ratio Lower Upper

178 100

179 17.0 13.0 19.4

176 19.9 15.4 23.2

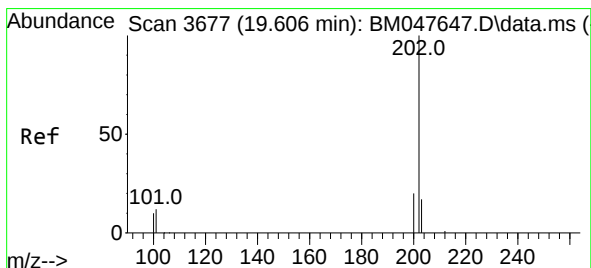
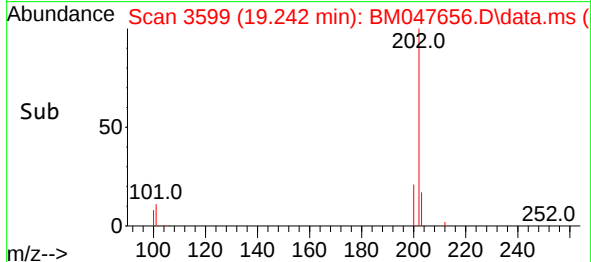
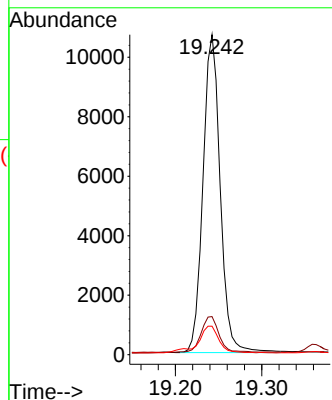
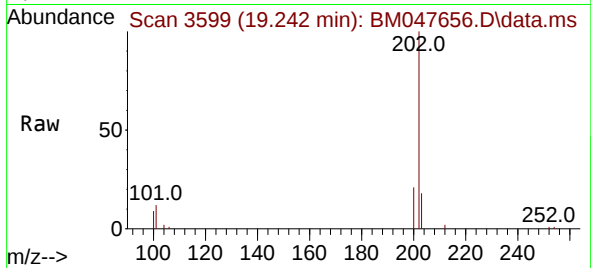




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.242 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

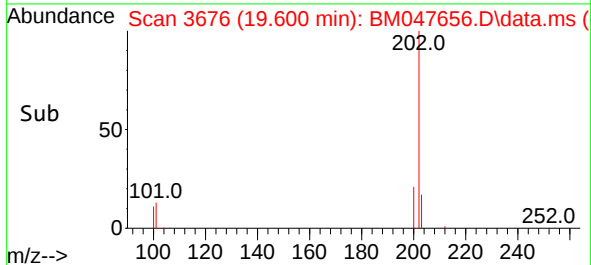
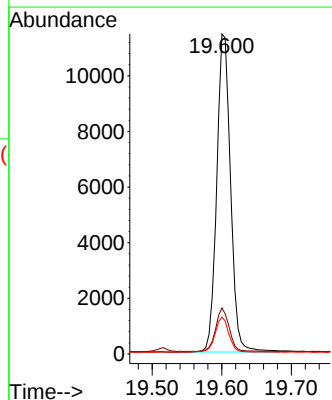
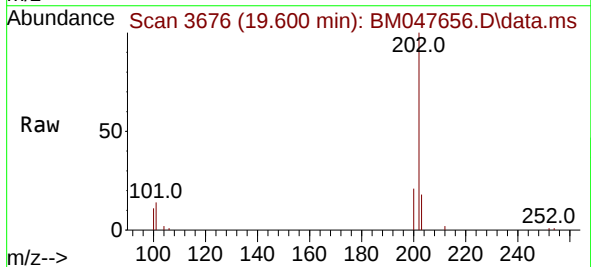
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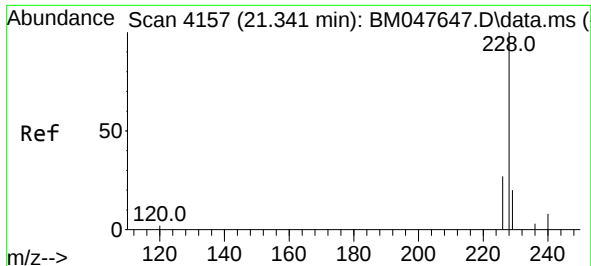
Tgt Ion:	202	Resp:	14847
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.6
100	8.9	7.4	11.2



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.600 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion:	202	Resp:	15825
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.7	16.1
100	11.4	8.2	12.2

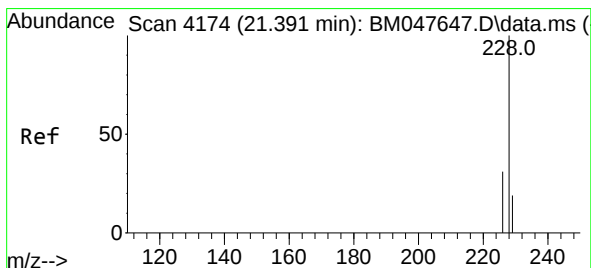
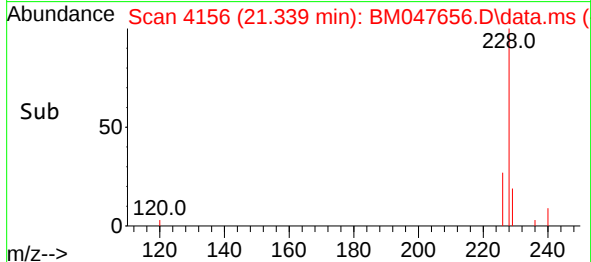
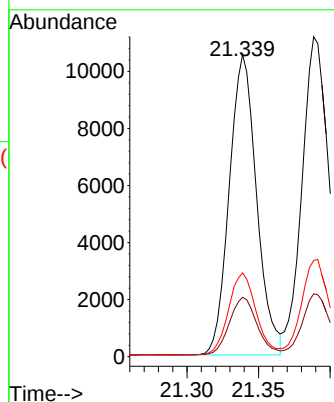
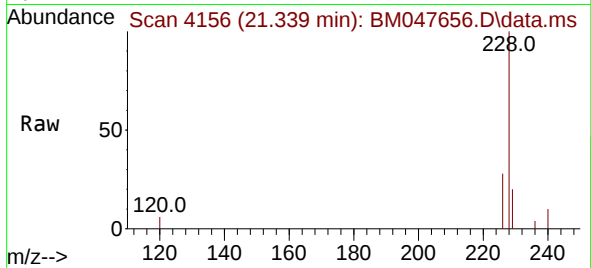




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.339 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

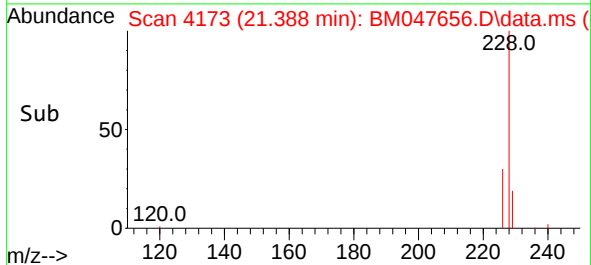
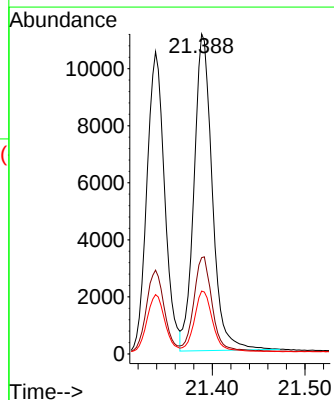
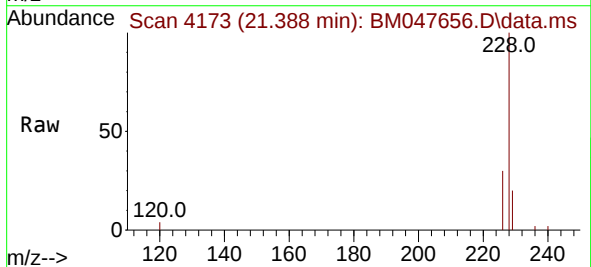
Instrument :
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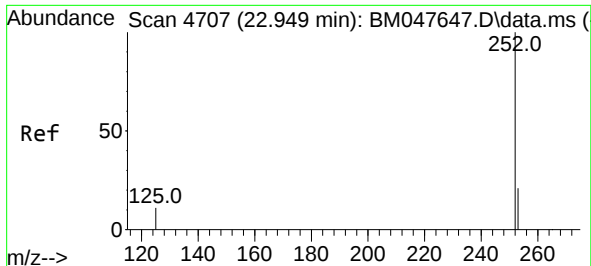
Tgt Ion:228 Resp: 13993
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.388 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

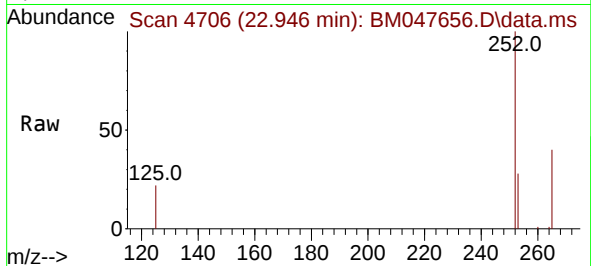
Tgt Ion:228 Resp: 15190
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.7 15.7 23.5



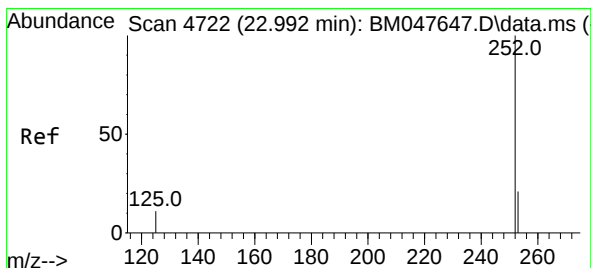
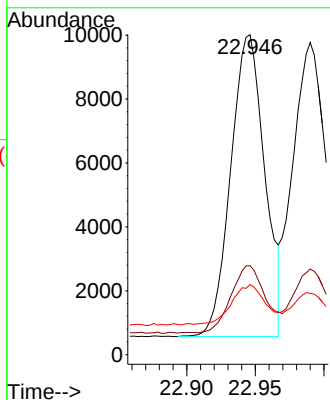


#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.946 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Instrument :
BNA_M
ClientSampleId :
P4164-01MS

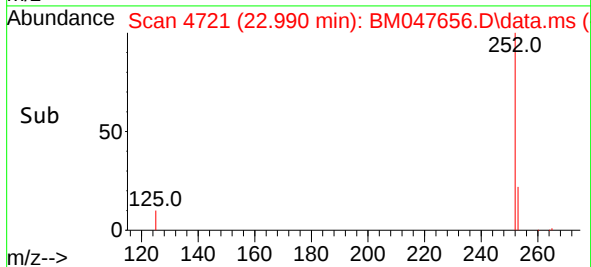
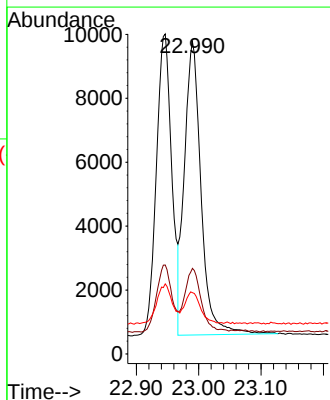
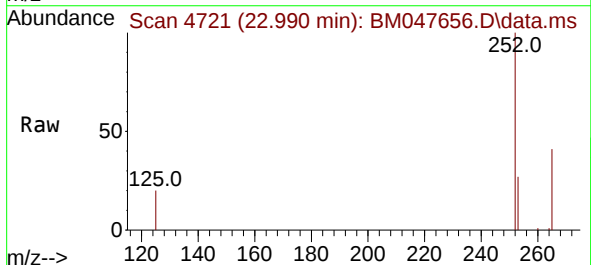


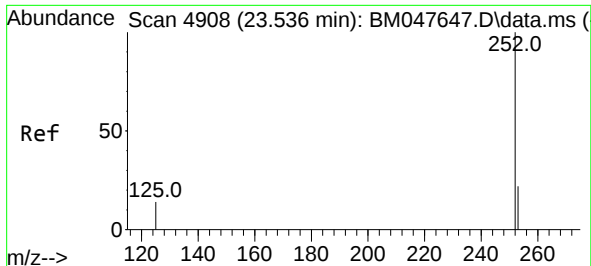
Tgt Ion:252 Resp: 16261
Ion Ratio Lower Upper
252 100
253 27.8 0.0 52.4
125 21.9 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.003 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion:252 Resp: 17051
Ion Ratio Lower Upper
252 100
253 27.4 21.0 31.6
125 19.6 14.6 21.8

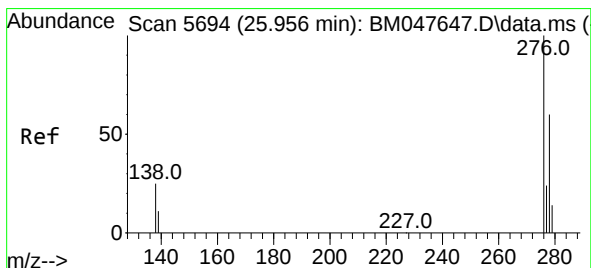
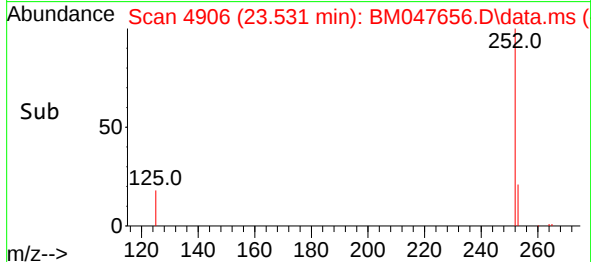
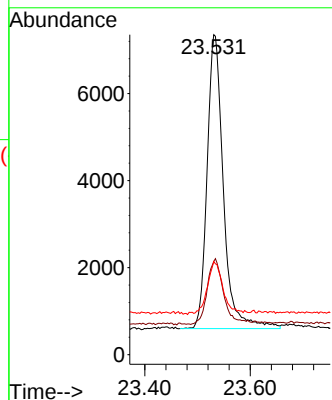
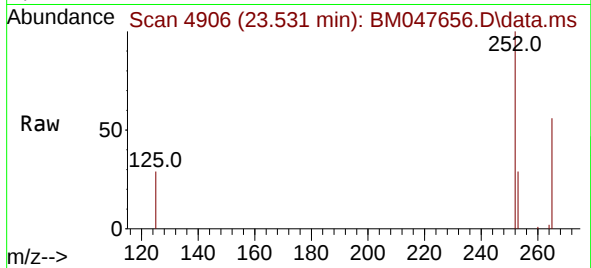




#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.531 min Scan# 4906
Delta R.T. -0.003 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

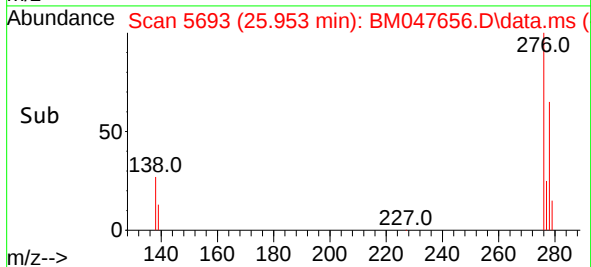
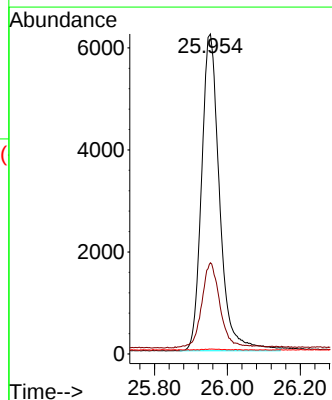
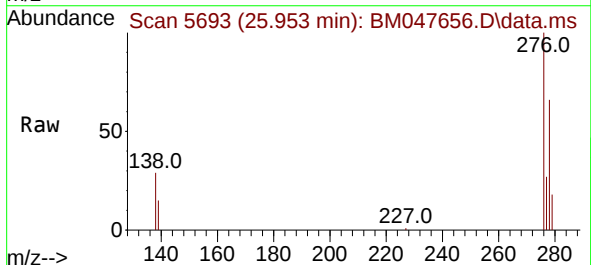
Instrument :
BNA_M
ClientSampleId :
P4164-01MS

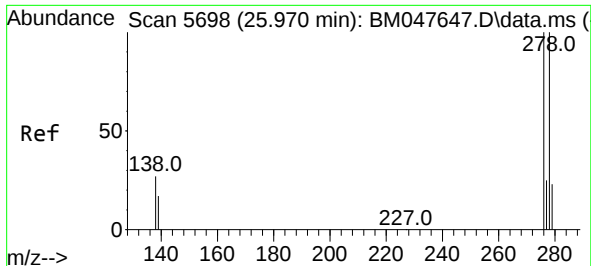
Tgt Ion:252 Resp: 14467
Ion Ratio Lower Upper
252 100
253 29.1 23.0 34.4
125 29.1 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

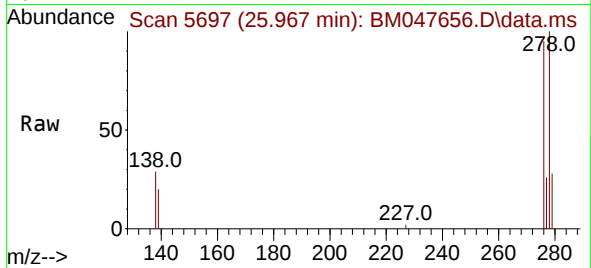
Tgt Ion:276 Resp: 21325
Ion Ratio Lower Upper
276 100
138 27.6 22.0 33.0
227 0.2 0.2 0.4#



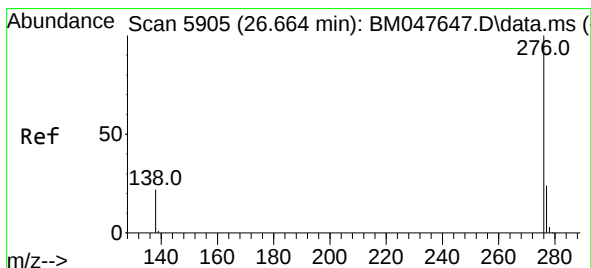
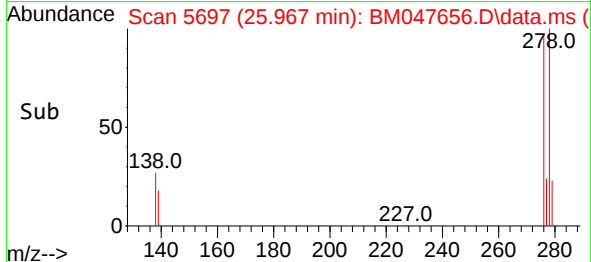
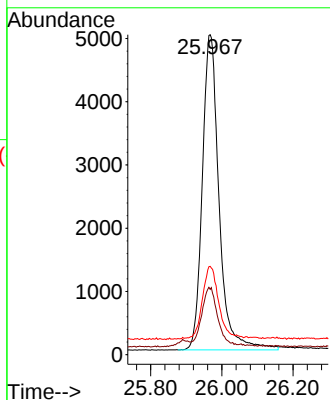


#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Instrument :
BNA_M
ClientSampleId :
P4164-01MS



Tgt Ion: 278 Resp: 16300
Ion Ratio Lower Upper
278 100
139 20.4 16.8 25.2
279 27.6 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.661 min Scan# 5904
Delta R.T. -0.006 min
Lab File: BM047656.D
Acq: 26 Sep 2024 22:47

Tgt Ion: 276 Resp: 17414
Ion Ratio Lower Upper
276 100
138 26.0 20.2 30.2
277 25.5 19.8 29.6

