

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
 Data File : BM047613.D
 Acq On : 24 Sep 2024 16:37
 Operator : RC/JU
 Sample : SSTD0.187
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1008

Quant Time: Sep 25 02:50:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 02:35:09 2024
 Response via : Initial Calibration

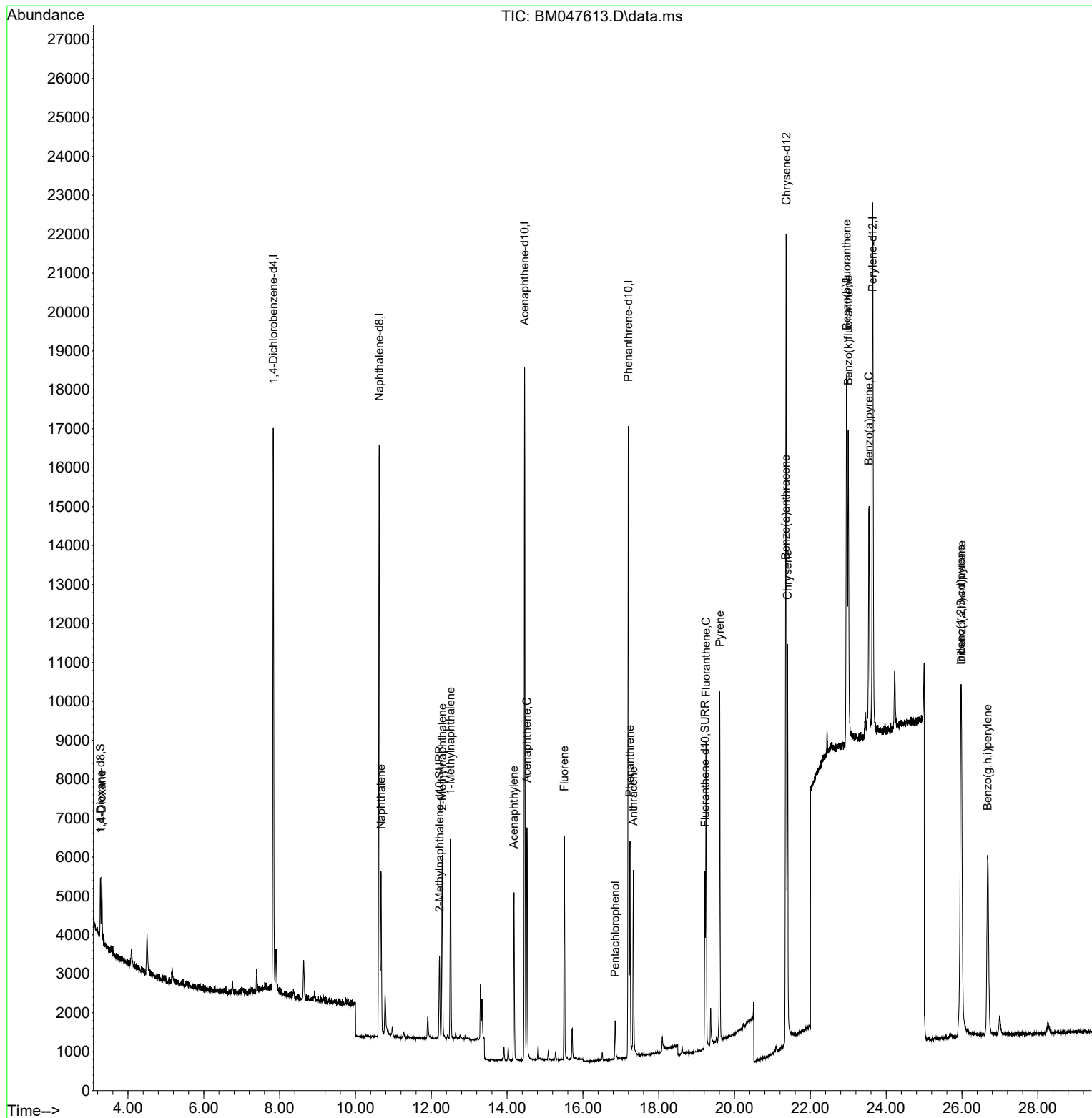
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	21372	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	10051	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	19325	0.400	ng/ul	0.00
17) Chrysene-d12	21.363	240	17168	0.400	ng/ul	0.00
23) Perylene-d12	23.642	264	18952	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1015	0.136	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	2925	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	4696	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	1464	0.176	ng/ul#	75
5) Naphthalene	10.677	128	5875	0.105	ng/ul	96
7) 2-Methylnaphthalene	12.288	142	3433	0.094	ng/ul	99
8) 1-Methylnaphthalene	12.508	142	3589	0.094	ng/ul	100
10) Acenaphthylene	14.182	152	4928	0.106	ng/ul	95
11) Acenaphthene	14.524	153	3467	0.109	ng/ul	97
12) Fluorene	15.510	166	3667	0.099	ng/ul	99
14) Pentachlorophenol	16.849	266	802	0.130	ng/ul	98
15) Phenanthrene	17.242	178	6032	0.108	ng/ul	96
16) Anthracene	17.330	178	5257	0.106	ng/ul	95
19) Fluoranthene	19.247	202	6925	0.100	ng/ul#	95
20) Pyrene	19.610	202	7394	0.102	ng/ul	98
21) Benzo(a)anthracene	21.345	228	7904	0.125	ng/ul	98
22) Chrysene	21.398	228	9110	0.136	ng/ul	98
24) Benzo(b)fluoranthene	22.955	252	12276	0.163	ng/ul	75
25) Benzo(k)fluoranthene	22.999	252	11096	0.141	ng/ul#	78
26) Benzo(a)pyrene	23.543	252	7017	0.118	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	25.967	276	12182	0.135	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.984	278	9207	0.131	ng/ul#	87
29) Benzo(g,h,i)perylene	26.675	276	9843	0.131	ng/ul	92

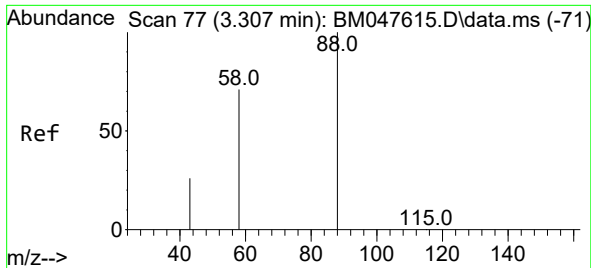
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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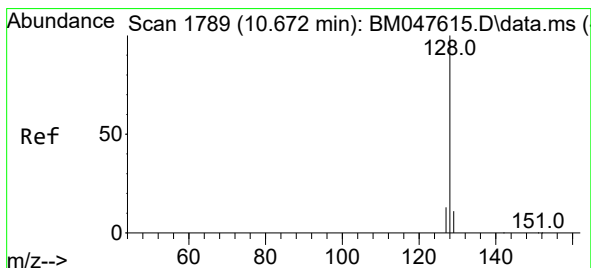
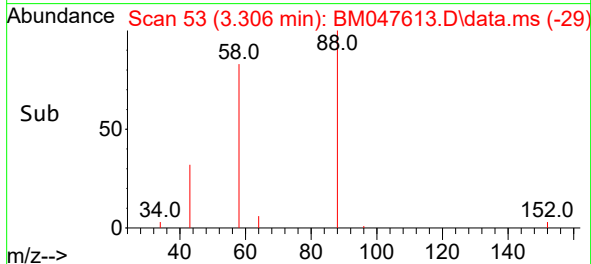
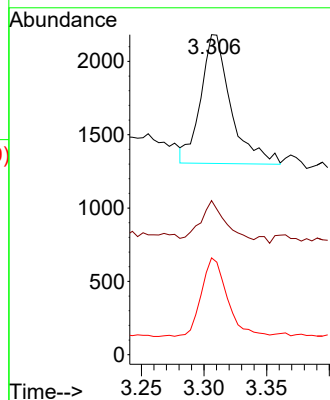
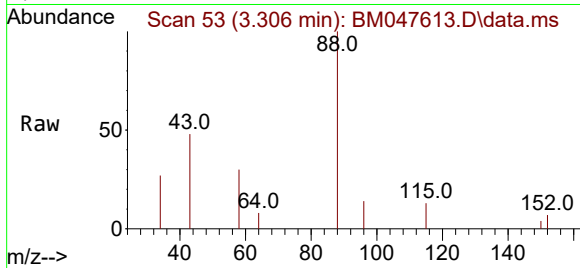




#2
1,4-Dioxane
Concen: 0.176 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

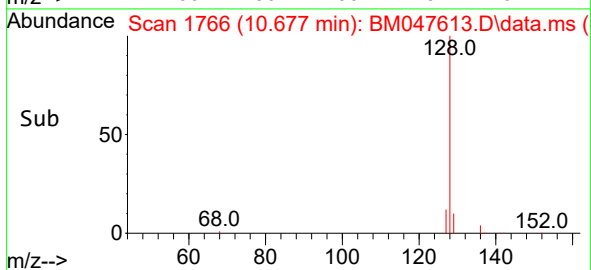
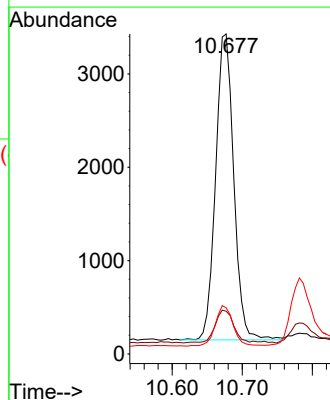
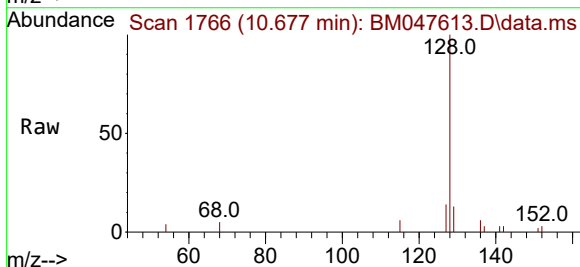
Instrument :
BNA_M
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SSTD0.1008

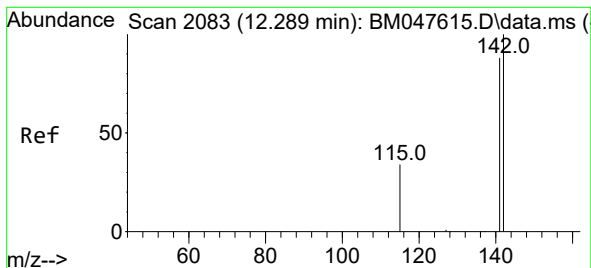
Tgt Ion: 88 Resp: 1464
Ion Ratio Lower Upper
88 100
43 48.2 30.4 45.6#
58 30.2 41.7 62.5#



#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.677 min Scan# 1766
Delta R.T. 0.005 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion: 128 Resp: 5875
Ion Ratio Lower Upper
128 100
129 13.4 9.4 14.0
127 14.4 10.6 16.0

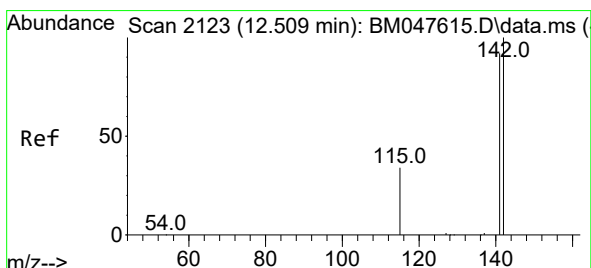
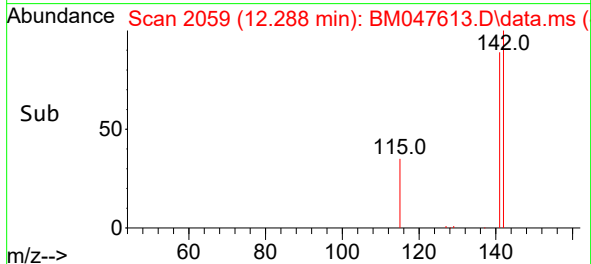
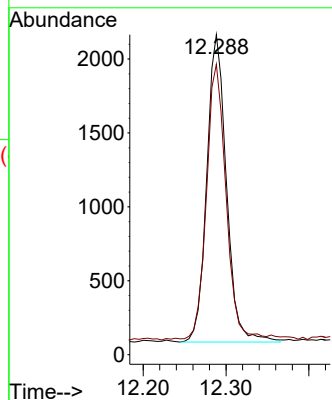
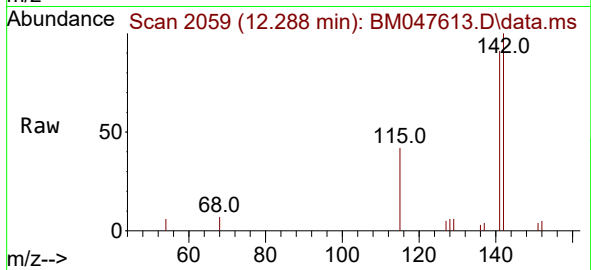




#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

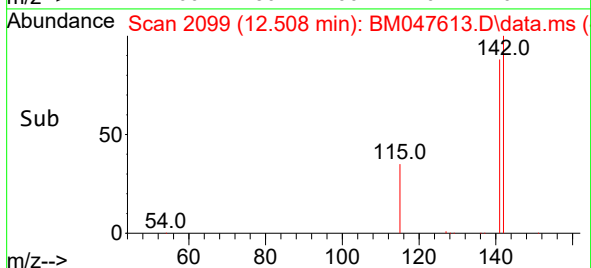
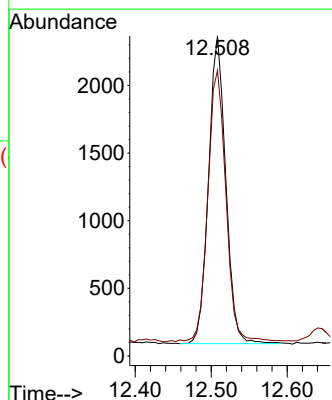
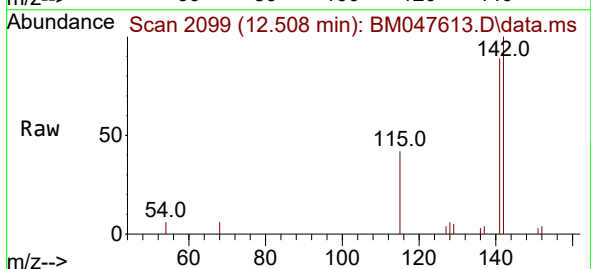
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

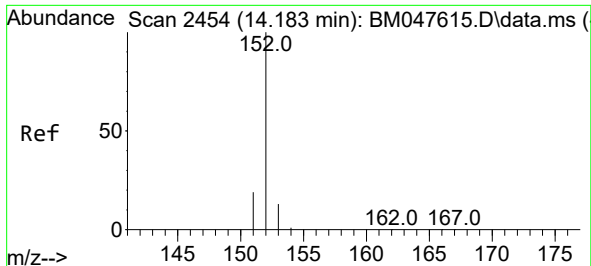
Tgt Ion:142 Resp: 3433
Ion Ratio Lower Upper
142 100
141 90.2 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.508 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:142 Resp: 3589
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

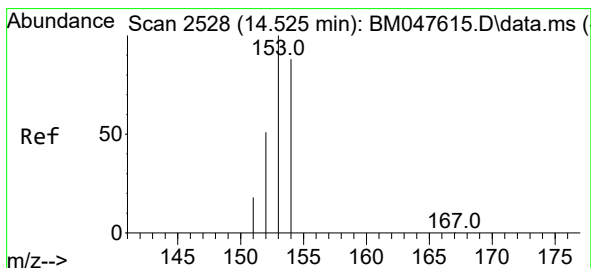
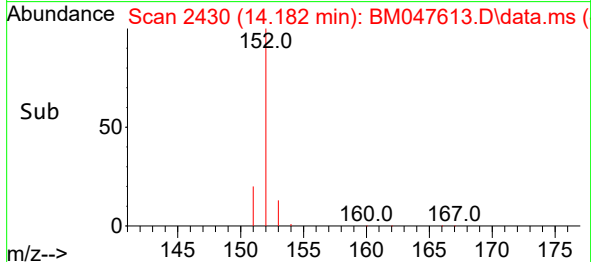
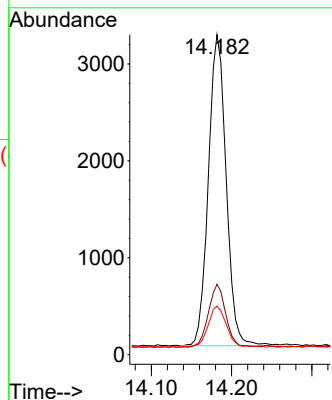
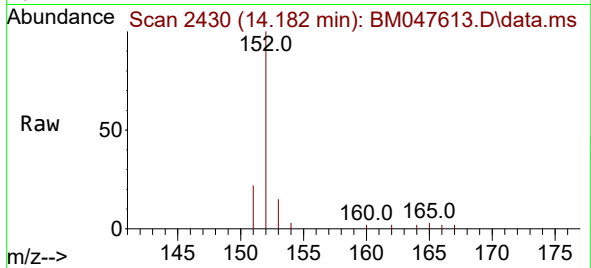




#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

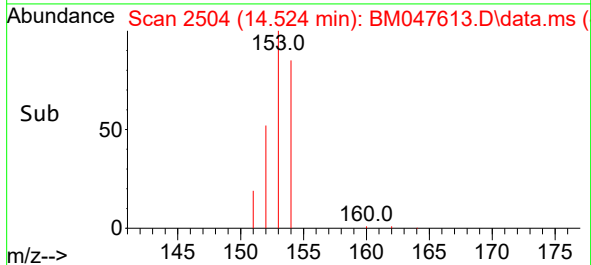
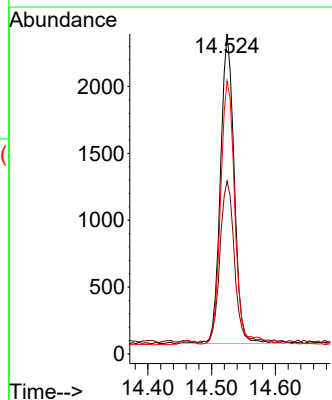
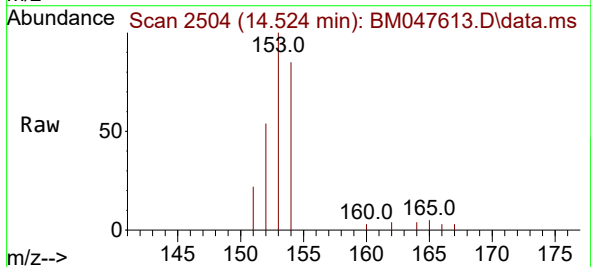
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ClientSampleId :
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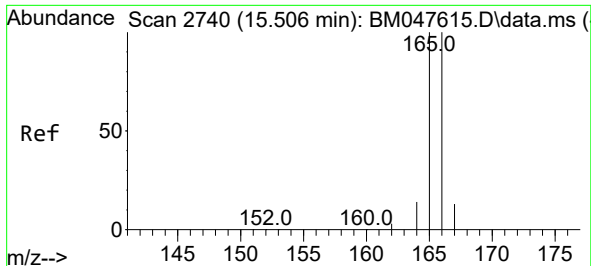
Tgt Ion:152 Resp: 4928
Ion Ratio Lower Upper
152 100
151 22.0 15.6 23.4
153 15.2 10.7 16.1



#11
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.524 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:153 Resp: 3467
Ion Ratio Lower Upper
153 100
152 54.0 41.4 62.2
154 85.3 70.3 105.5

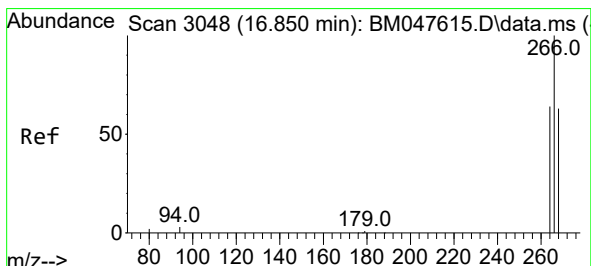
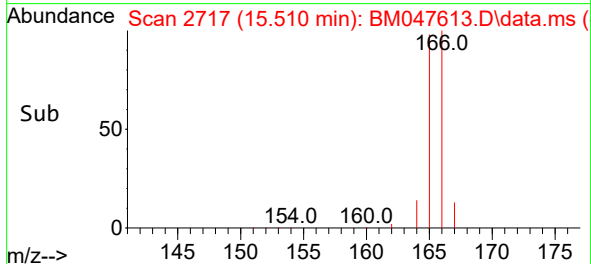
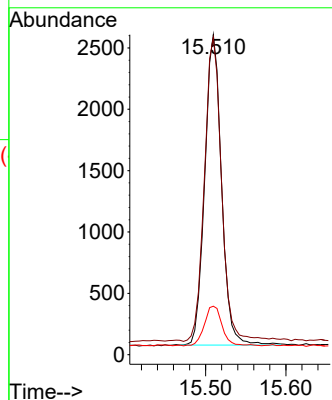
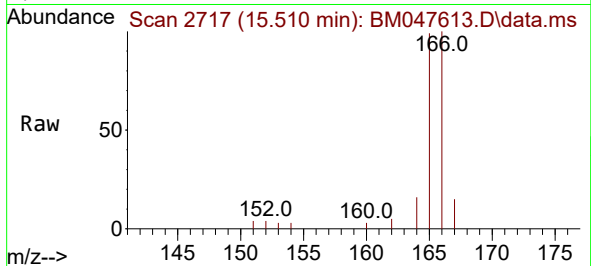




#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

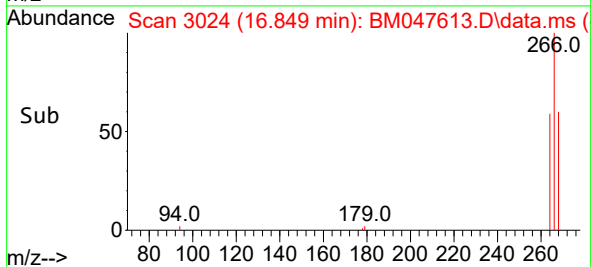
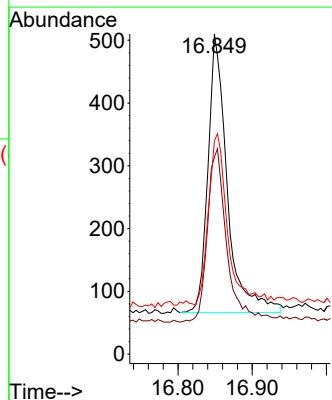
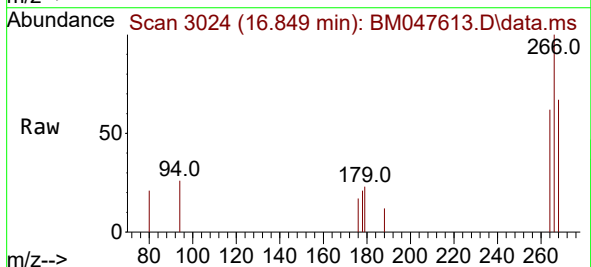
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

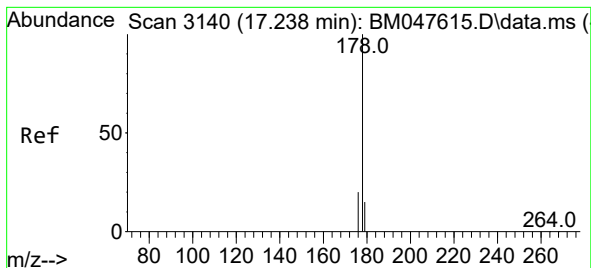
Tgt Ion:166 Resp: 3667
Ion Ratio Lower Upper
166 100
165 99.2 80.2 120.4
167 15.1 11.0 16.4



#14
Pentachlorophenol
Concen: 0.130 ng/ul
RT: 16.849 min Scan# 3024
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:266 Resp: 802
Ion Ratio Lower Upper
266 100
264 63.0 50.3 75.5
268 62.2 52.2 78.4





#15

Phenanthrene

Concen: 0.108 ng/ul

RT: 17.242 min Scan# 3117

Delta R.T. 0.003 min

Lab File: BM047613.D

Acq: 24 Sep 2024 16:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.1008

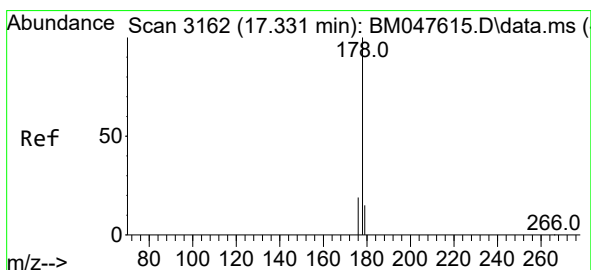
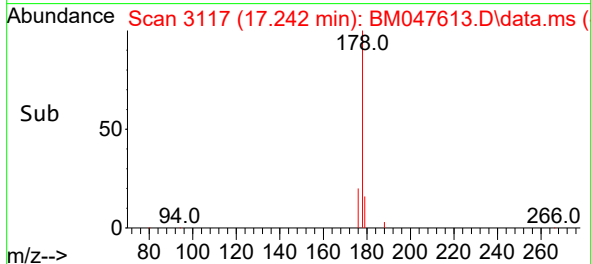
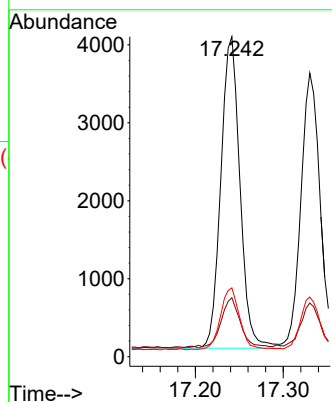
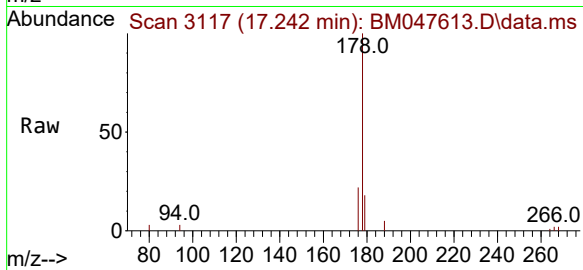
Tgt Ion:178 Resp: 6032

Ion Ratio Lower Upper

178 100

179 18.4 12.7 19.1

176 21.5 16.1 24.1



#16

Anthracene

Concen: 0.106 ng/ul

RT: 17.330 min Scan# 3138

Delta R.T. -0.001 min

Lab File: BM047613.D

Acq: 24 Sep 2024 16:37

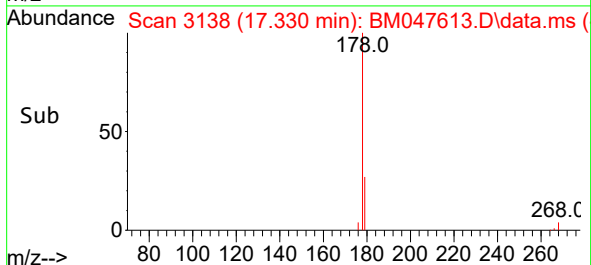
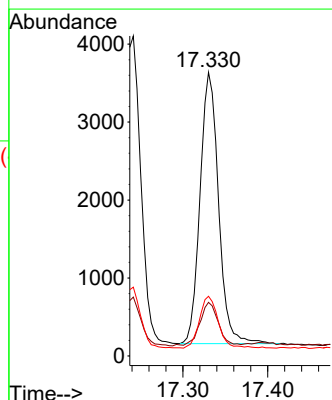
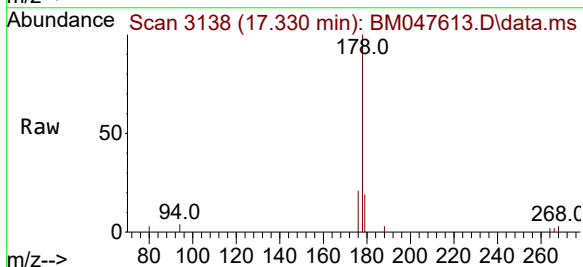
Tgt Ion:178 Resp: 5257

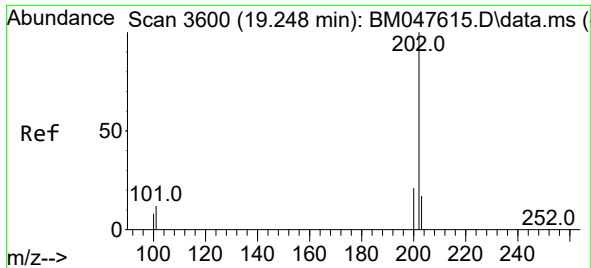
Ion Ratio Lower Upper

178 100

179 18.9 12.9 19.3

176 21.0 15.4 23.2

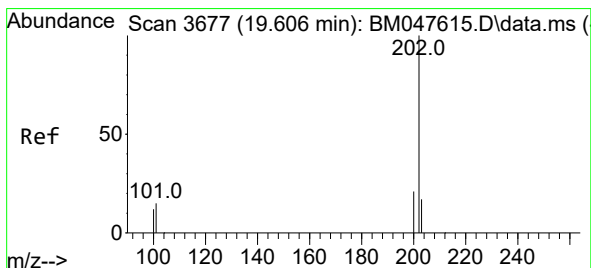
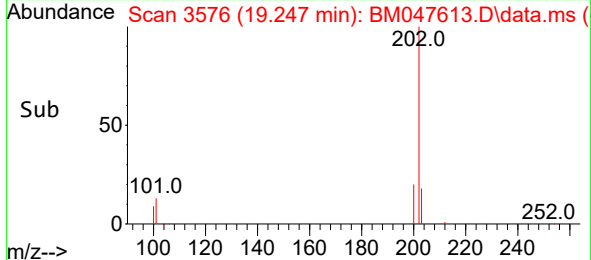
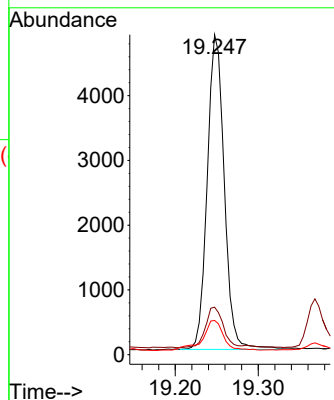
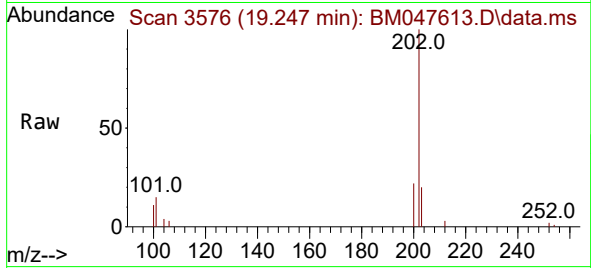




#19
Fluoranthene
Concen: 0.100 ng/ul
RT: 19.247 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

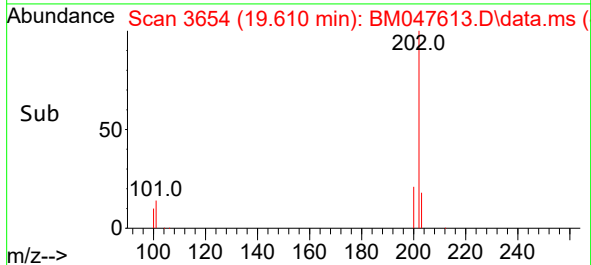
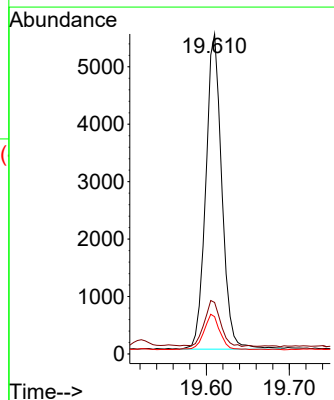
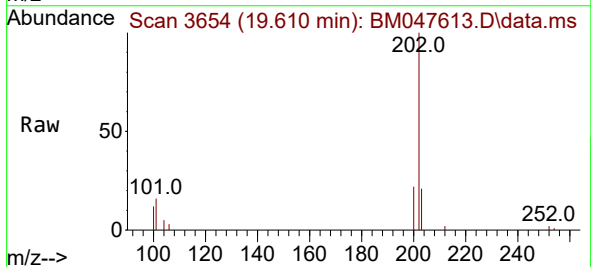
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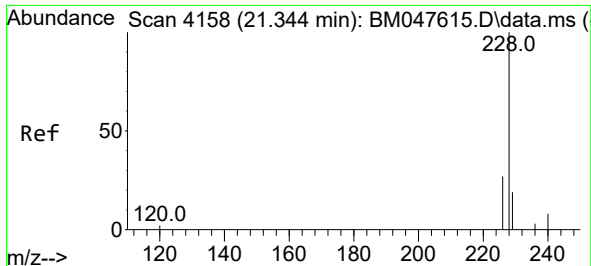
Tgt Ion:202 Resp: 6925
Ion Ratio Lower Upper
202 100
101 14.9 9.8 14.8#
100 10.7 7.5 11.3



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.610 min Scan# 3654
Delta R.T. 0.004 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:202 Resp: 7394
Ion Ratio Lower Upper
202 100
101 16.1 12.1 18.1
100 11.7 9.7 14.5

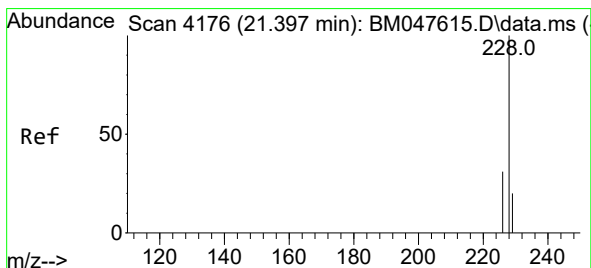
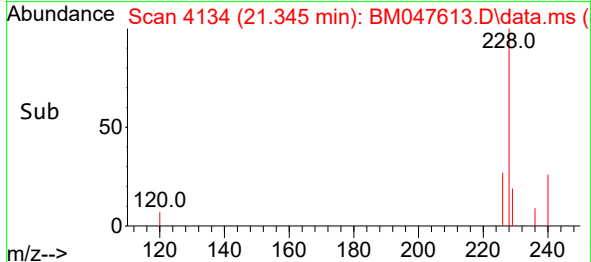
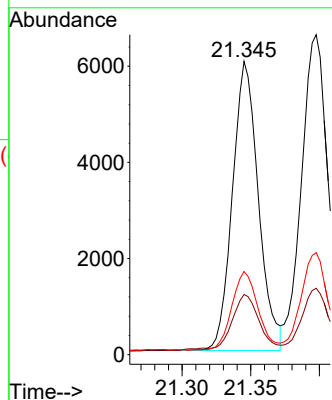
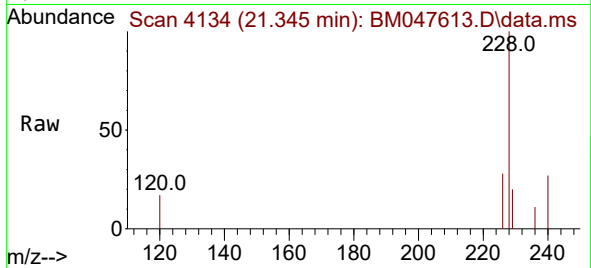




#21
Benzo(a)anthracene
Concen: 0.125 ng/ul
RT: 21.345 min Scan# 4158
Delta R.T. 0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

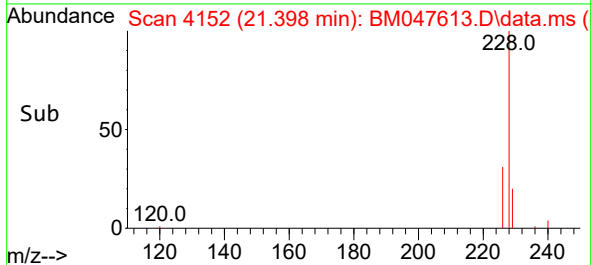
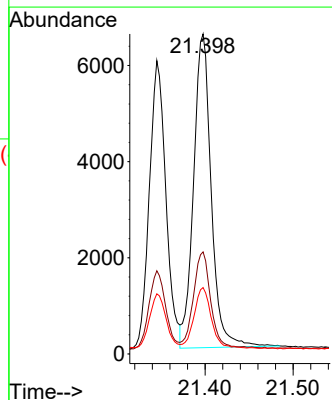
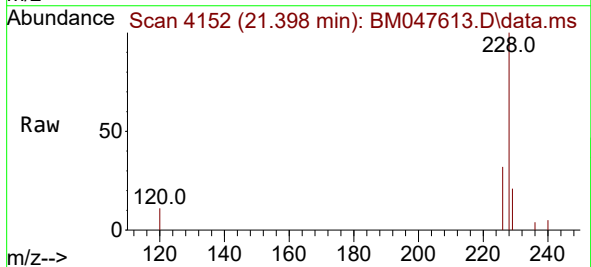
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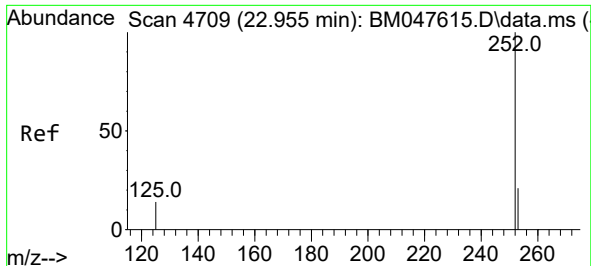
Tgt Ion:	228	Resp:	7904
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.4	22.2	33.4



#22
Chrysene
Concen: 0.136 ng/ul
RT: 21.398 min Scan# 4152
Delta R.T. 0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:	228	Resp:	9110
Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	20.7	16.2	24.4

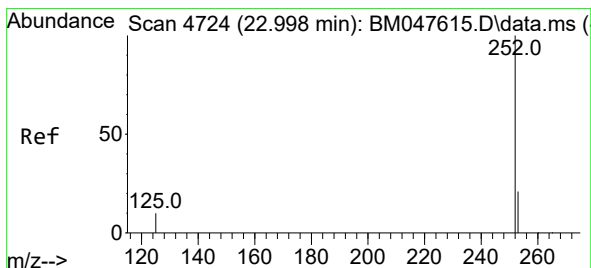
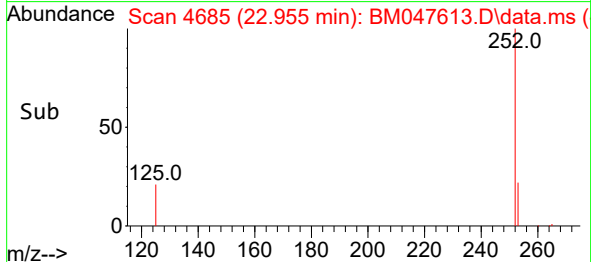
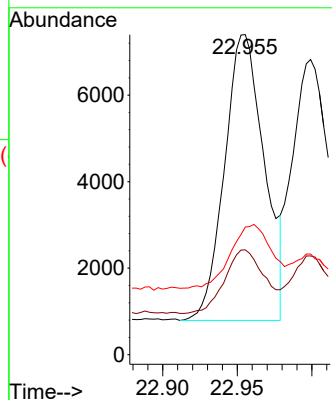
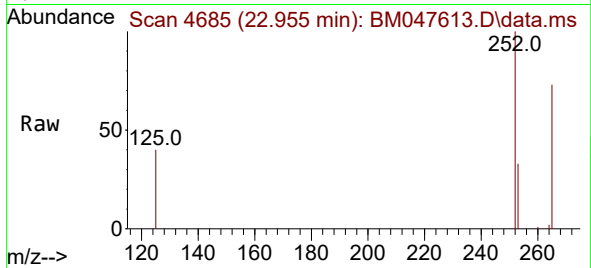




#24
Benzo(b)fluoranthene
Concen: 0.163 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. 0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

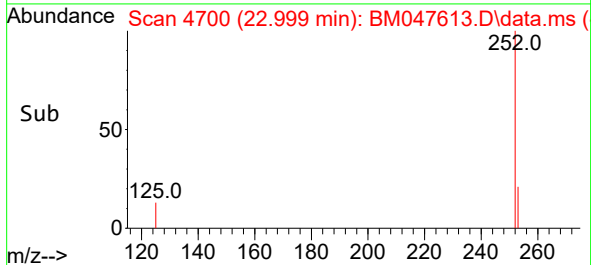
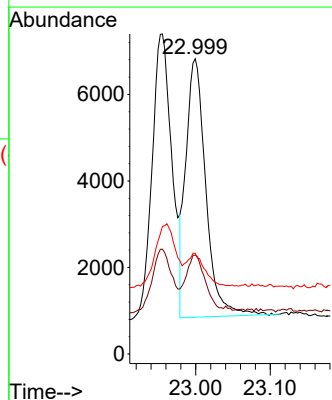
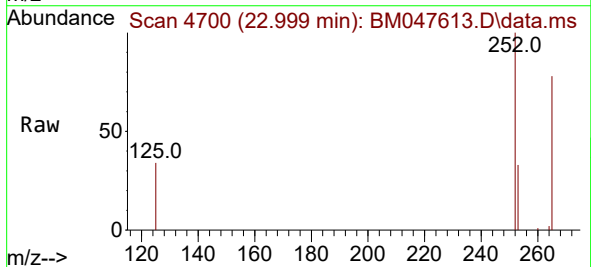
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

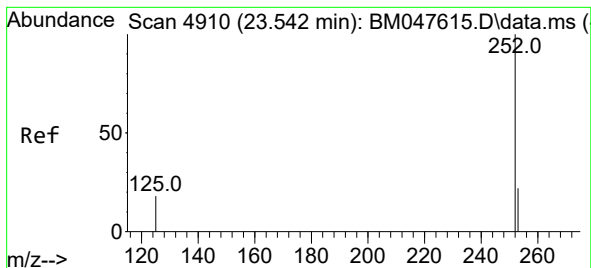
Tgt Ion:252 Resp: 12276
Ion Ratio Lower Upper
252 100
253 32.8 0.0 51.6
125 39.9 0.0 42.4



#25
Benzo(k)fluoranthene
Concen: 0.141 ng/ul
RT: 22.999 min Scan# 4700
Delta R.T. 0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:252 Resp: 11096
Ion Ratio Lower Upper
252 100
253 33.5 20.6 31.0#
125 34.1 15.9 23.9#





#26

Benzo(a)pyrene

Concen: 0.118 ng/ul

RT: 23.543 min Scan# 4

Delta R.T. 0.001 min

Lab File: BM047613.D

Acq: 24 Sep 2024 16:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.1008

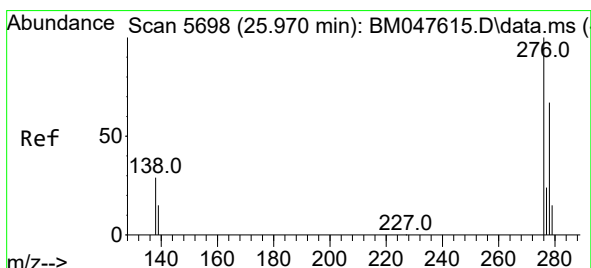
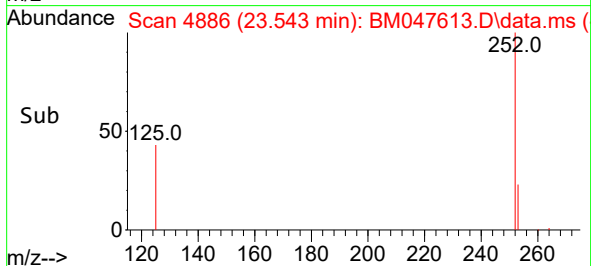
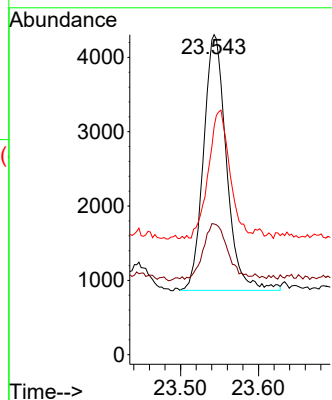
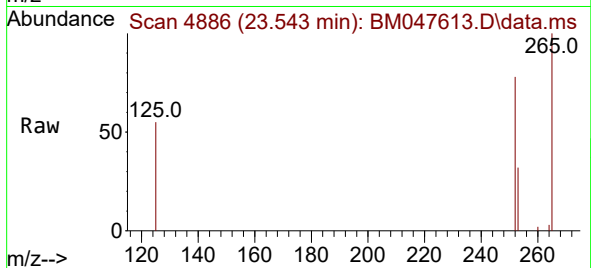
Tgt Ion:252 Resp: 7017

Ion Ratio Lower Upper

252 100

253 40.8 22.6 33.8#

125 71.2 23.0 34.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.135 ng/ul

RT: 25.967 min Scan# 5673

Delta R.T. -0.003 min

Lab File: BM047613.D

Acq: 24 Sep 2024 16:37

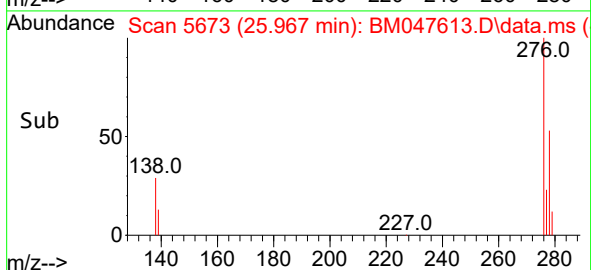
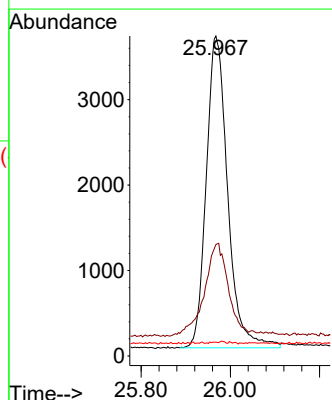
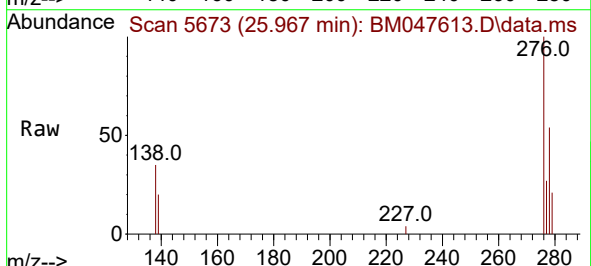
Tgt Ion:276 Resp: 12182

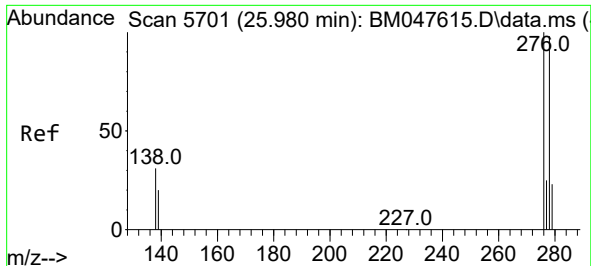
Ion Ratio Lower Upper

276 100

138 33.9 24.6 37.0

227 0.2 0.2 0.4#

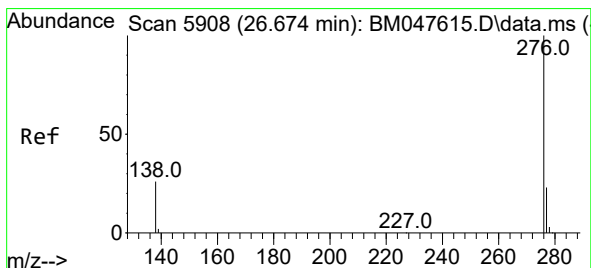
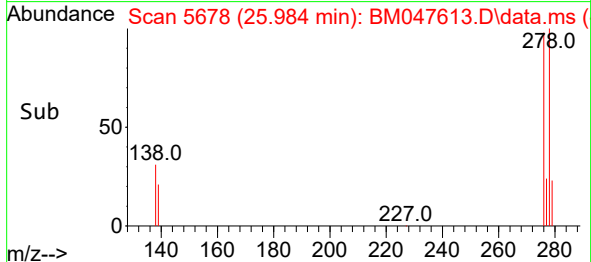
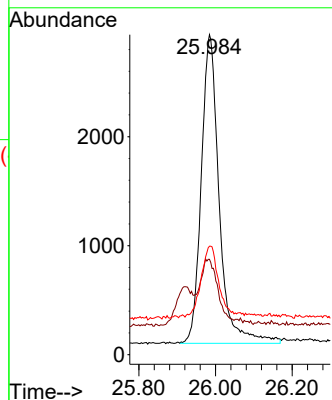
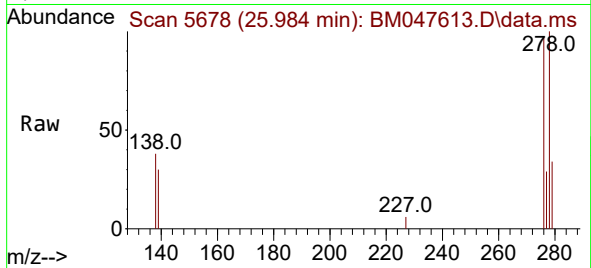




#28
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 25.984 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:278 Resp: 9207
Ion Ratio Lower Upper
278 100
139 29.8 18.6 28.0#
279 33.9 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.131 ng/ul
RT: 26.675 min Scan# 5884
Delta R.T. 0.001 min
Lab File: BM047613.D
Acq: 24 Sep 2024 16:37

Tgt Ion:276 Resp: 9843
Ion Ratio Lower Upper
276 100
138 32.9 22.5 33.7
277 28.5 19.8 29.6

