

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040348.D
 Acq On : 22 Jun 2023 14:46
 Operator : MA/JU
 Sample : SST0.891
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8025

Quant Time: Jun 23 00:38:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:36:05 2023
 Response via : Initial Calibration

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

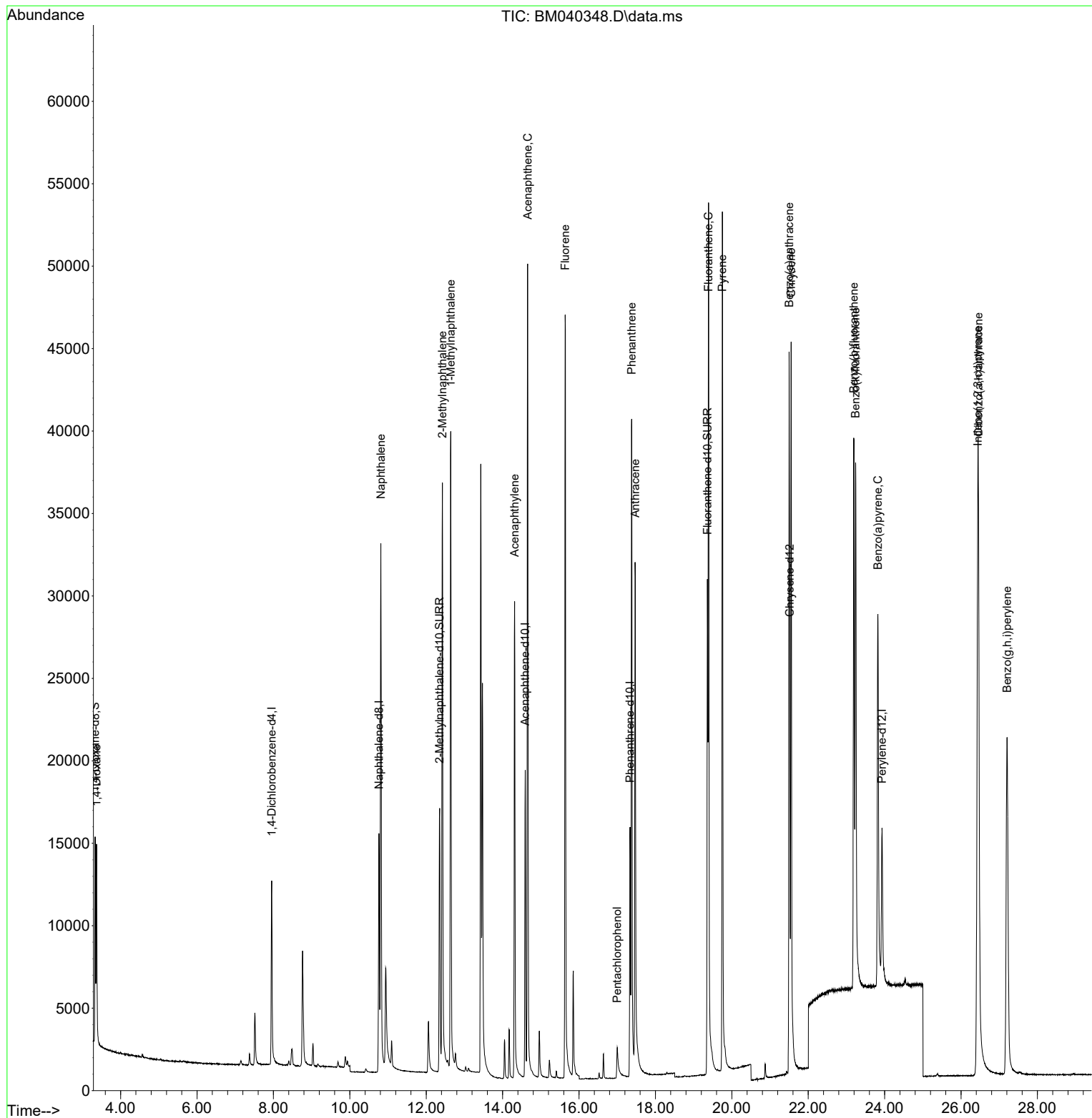
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	21403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	10312	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	19105	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	13855	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	14452	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7674	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	23923	0.797	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	35125	0.791	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	7860	0.789	ng/ul	93
5) Naphthalene	10.811	128	46158	0.782	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	27802	0.802	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	27790	0.802	ng/ul	100
10) Acenaphthylene	14.313	152	35912	0.780	ng/ul	99
11) Acenaphthene	14.656	153	30457	0.783	ng/ul	99
12) Fluorene	15.637	166	32909	0.792	ng/ul	99
14) Pentachlorophenol	16.999	266	2662	0.724	ng/ul	93
15) Phenanthrene	17.379	178	46513	0.784	ng/ul	98
16) Anthracene	17.467	178	40265	0.807	ng/ul	99
19) Fluoranthene	19.389	202	47067	0.800	ng/ul	99
20) Pyrene	19.751	202	48995	0.777	ng/ul	97
21) Benzo(a)anthracene	21.500	228	37289	0.796	ng/ul	99
22) Chrysene	21.553	228	42889	0.802	ng/ul	99
24) Benzo(b)fluoranthene	23.192	252	45006	0.805	ng/ul	93
25) Benzo(k)fluoranthene	23.239	252	44249	0.803	ng/ul	94
26) Benzo(a)pyrene	23.824	252	39744	0.789	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.437	276	56271	0.802	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.454	278	44527	0.811	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	49001	0.797	ng/ul	97

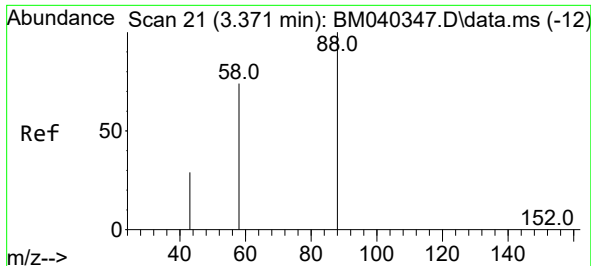
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040348.D
Acq On : 22 Jun 2023 14:46
Operator : MA/JU
Sample : SST0.891
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Quant Time: Jun 23 00:38:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:36:05 2023
Response via : Initial Calibration

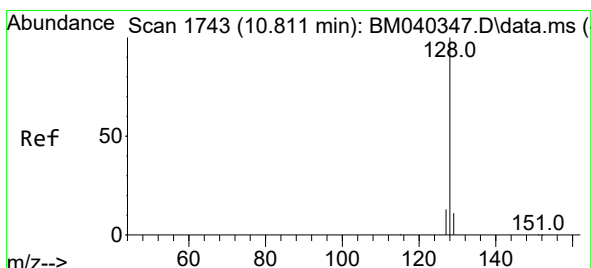
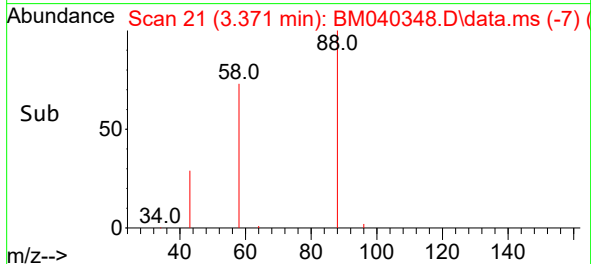
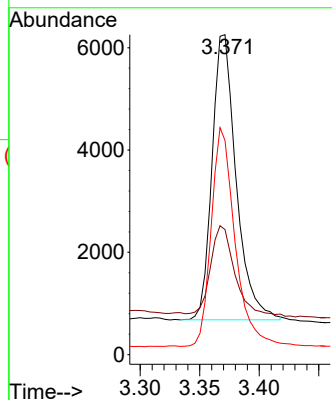
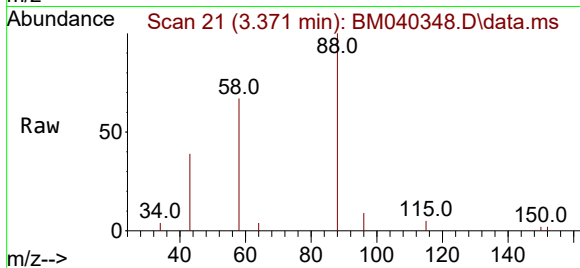




#2
1,4-Dioxane
Concen: 0.789 ng/ul
RT: 3.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

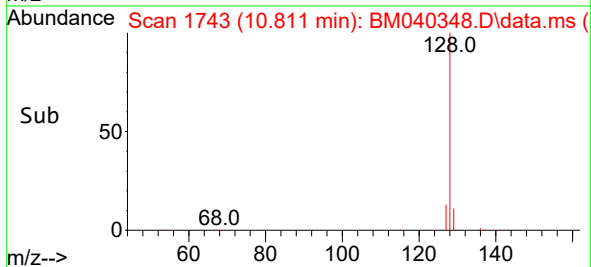
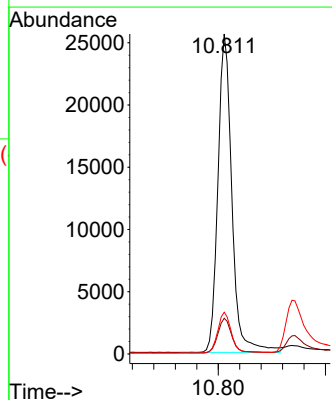
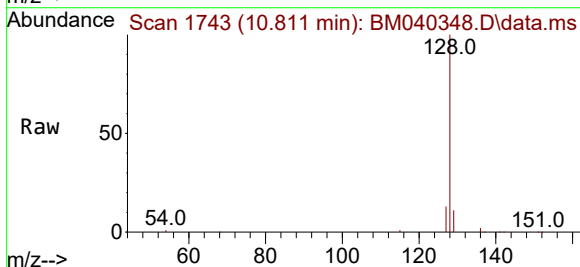
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

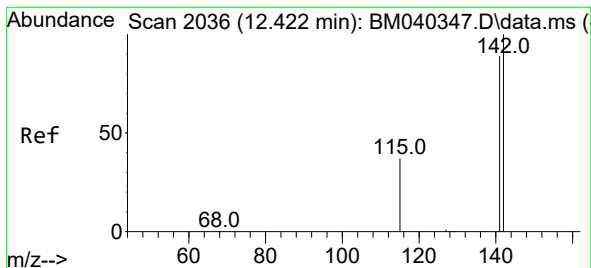
Tgt Ion: 88 Resp: 7860
Ion Ratio Lower Upper
88 100
43 39.1 36.1 54.1
58 67.0 49.8 74.8



#5
Naphthalene
Concen: 0.782 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion: 128 Resp: 46158
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.0 10.6 15.8

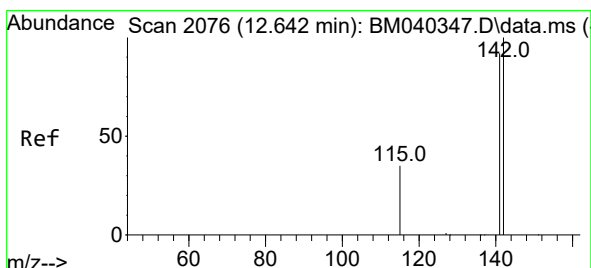
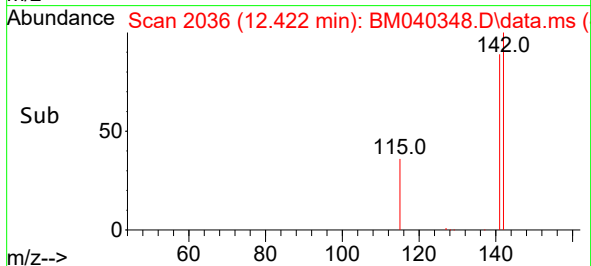
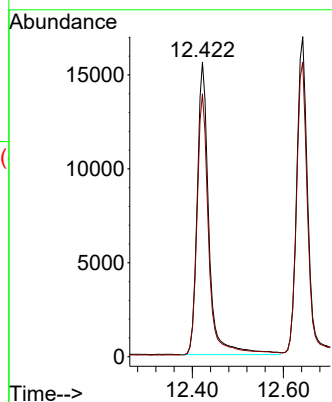
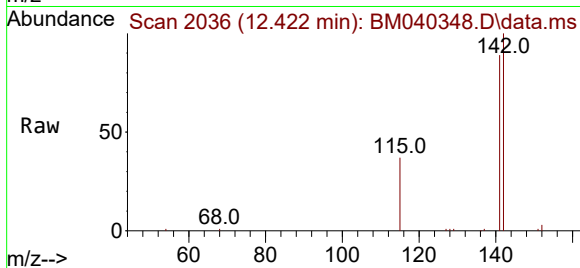




#7
2-Methylnaphthalene
Concen: 0.802 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

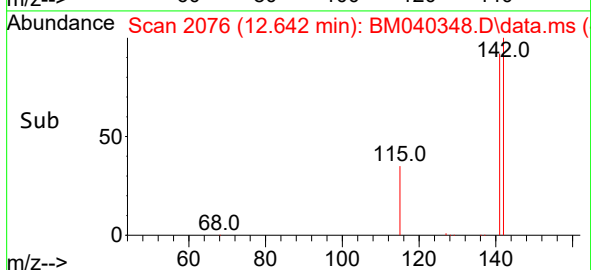
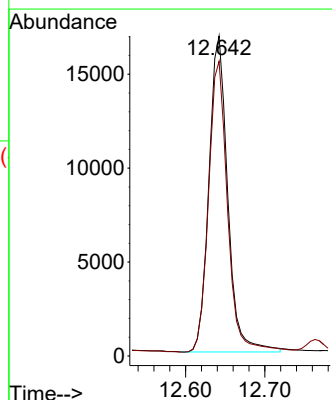
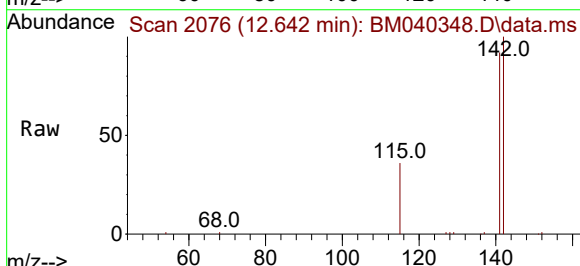
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

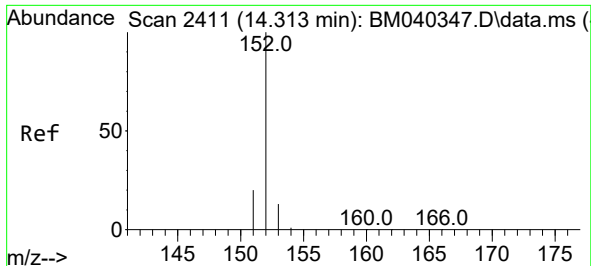
Tgt Ion:142 Resp: 27802
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.802 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:142 Resp: 27790
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

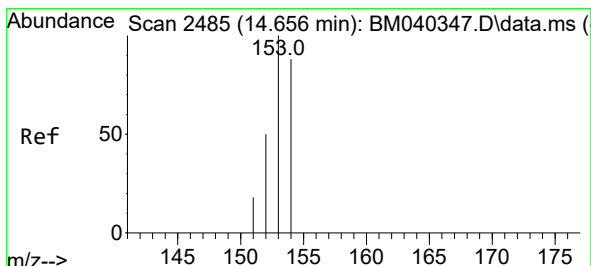
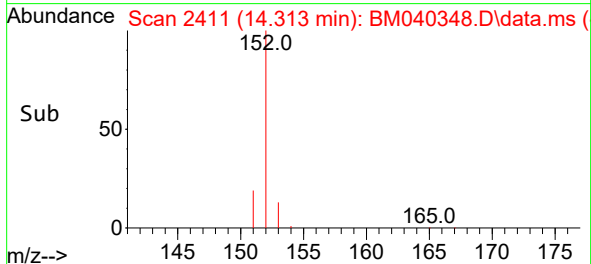
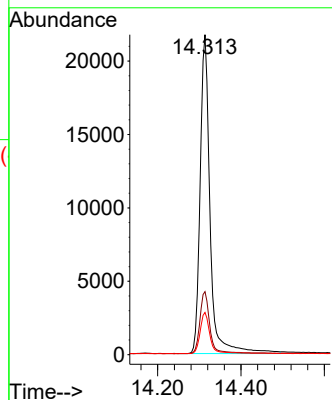
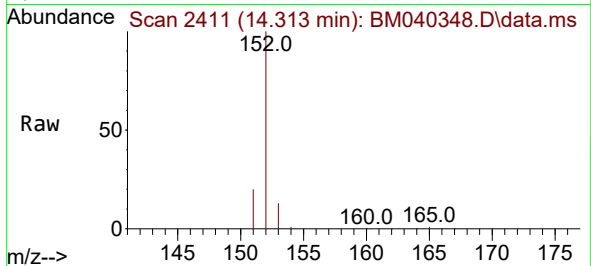




#10
Acenaphthylene
Concen: 0.780 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

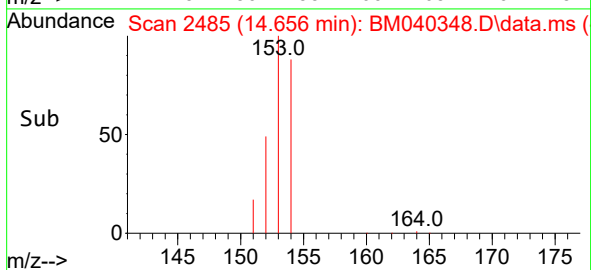
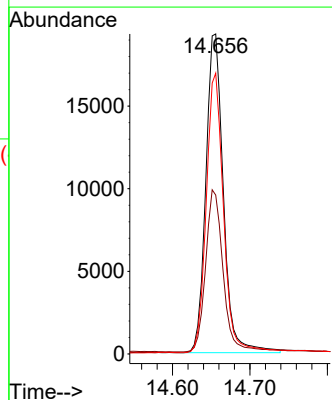
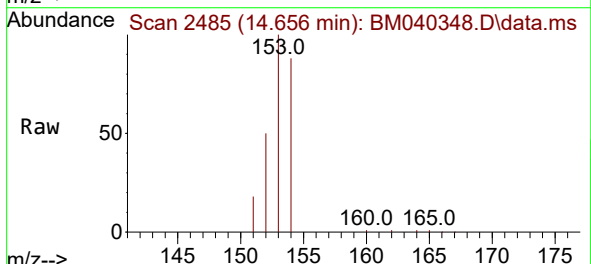
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

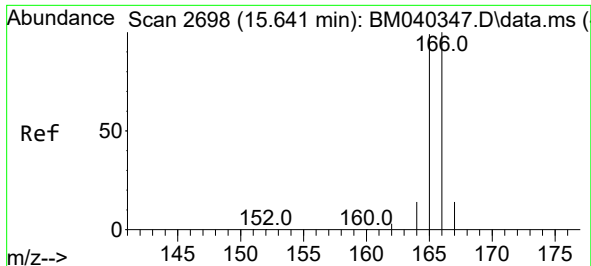
Tgt Ion:152 Resp: 35912
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.783 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:153 Resp: 30457
Ion Ratio Lower Upper
153 100
152 49.6 41.0 61.4
154 87.7 70.8 106.2

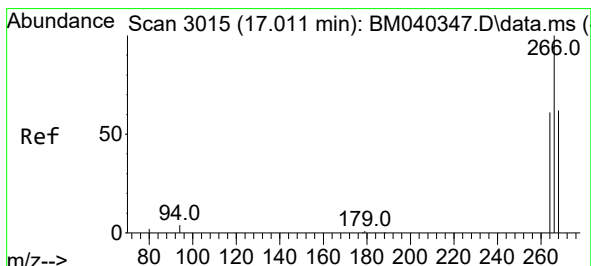
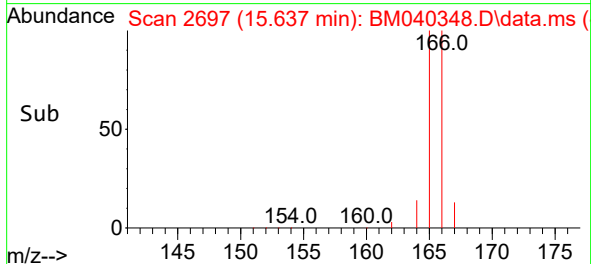
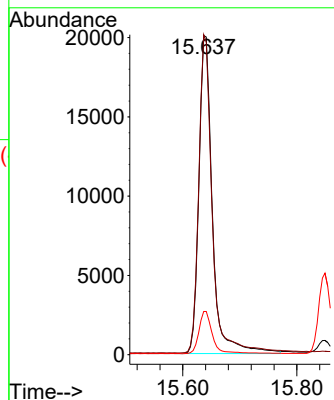
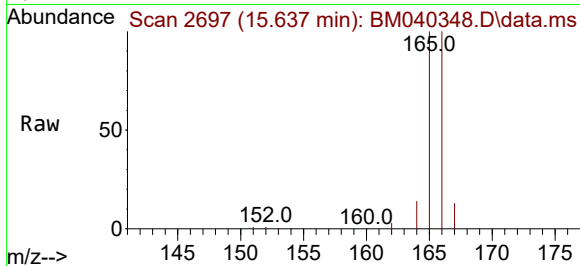




#12
 Fluorene
 Concen: 0.792 ng/ul
 RT: 15.637 min Scan# 2099
 Delta R.T. -0.005 min
 Lab File: BM040348.D
 Acq: 22 Jun 2023 14:46

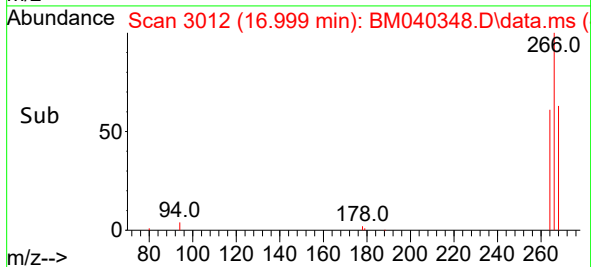
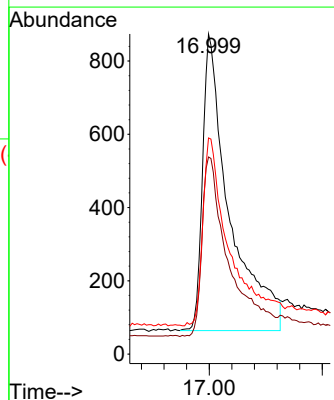
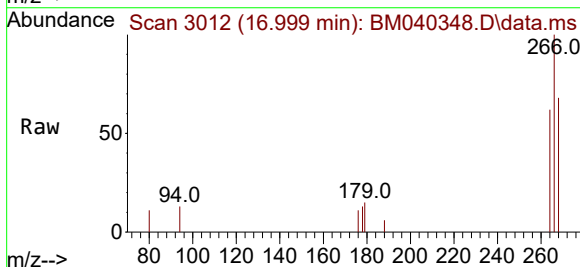
Instrument :
 BNA_M
 ClientSampleId :
 SST0.8025

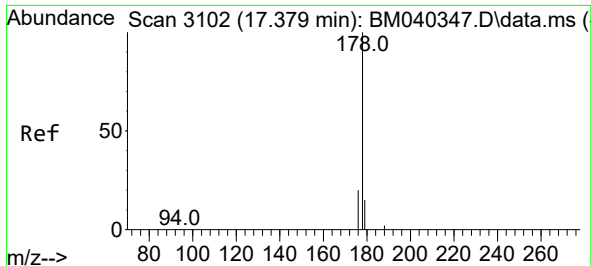
Tgt Ion:166	Resp:	32909
Ion Ratio	Lower	Upper
166	100	
165	100.2	79.6 119.4
167	13.5	11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.724 ng/ul
 RT: 16.999 min Scan# 3012
 Delta R.T. -0.013 min
 Lab File: BM040348.D
 Acq: 22 Jun 2023 14:46

Tgt Ion:266	Resp:	2662
Ion Ratio	Lower	Upper
266	100	
264	61.9	45.4 68.0
268	64.3	47.2 70.8

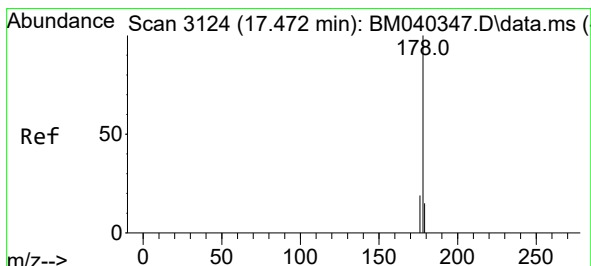
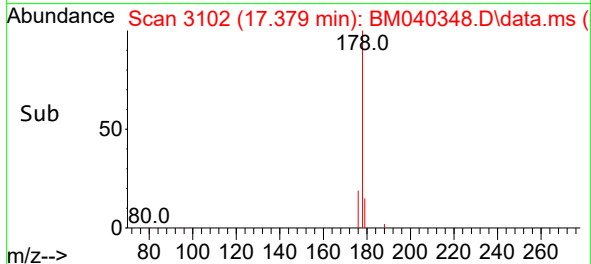
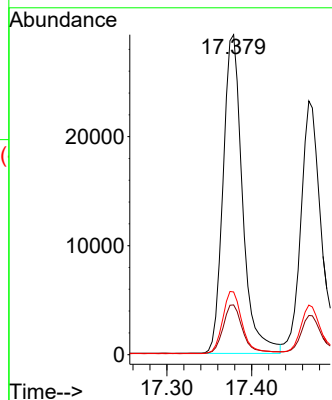
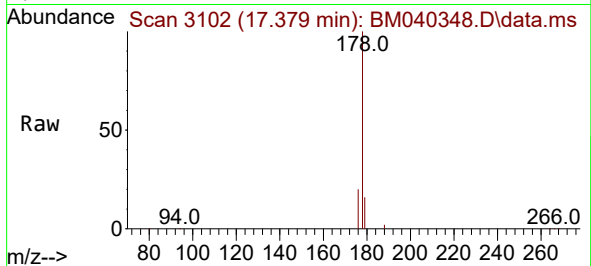




#15
Phenanthrene
Concen: 0.784 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

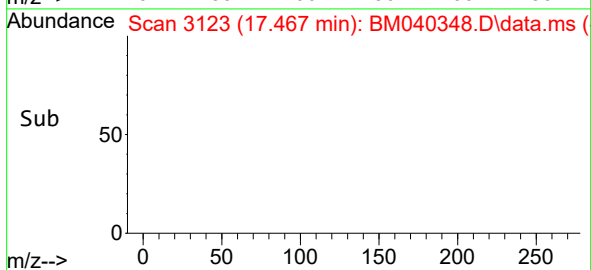
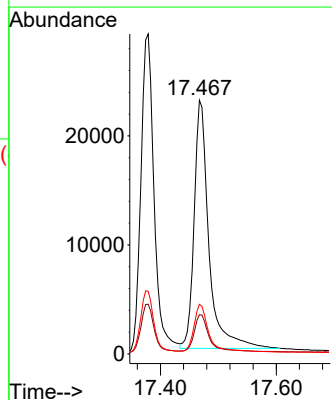
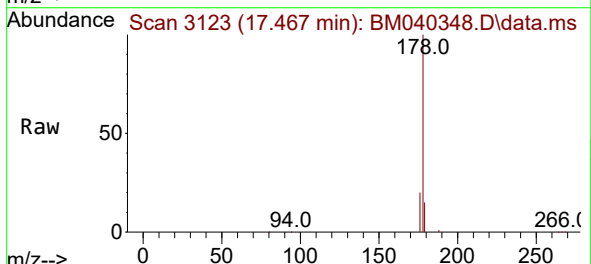
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

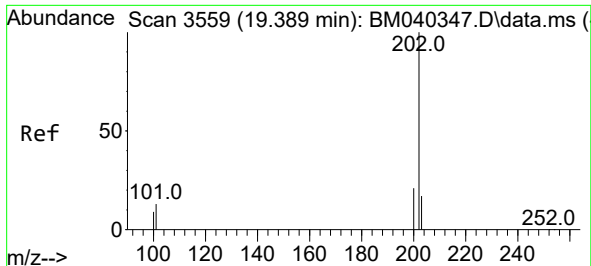
Tgt Ion:178 Resp: 46513
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6



#16
Anthracene
Concen: 0.807 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:178 Resp: 40265
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.5 15.8 23.6

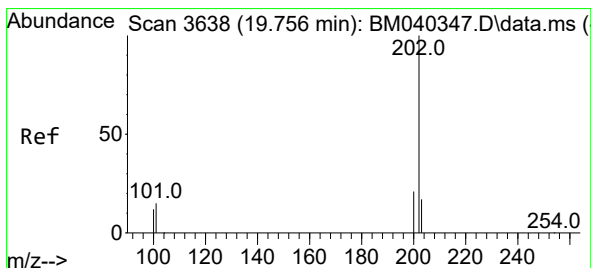
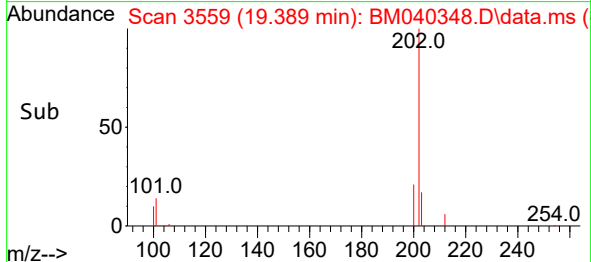
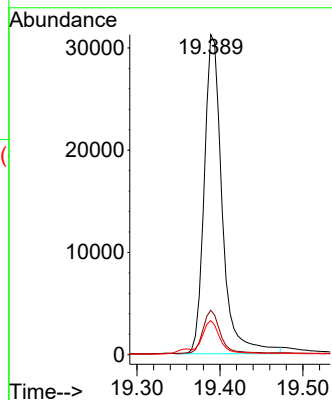
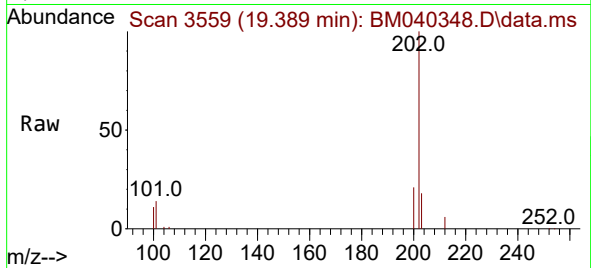




#19
Fluoranthene
Concen: 0.800 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

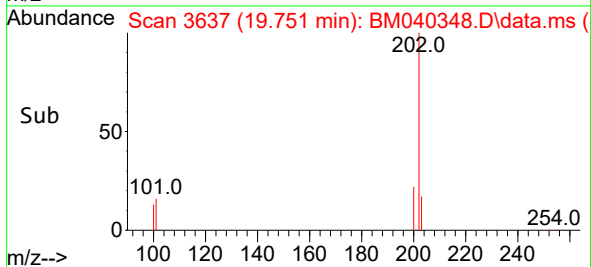
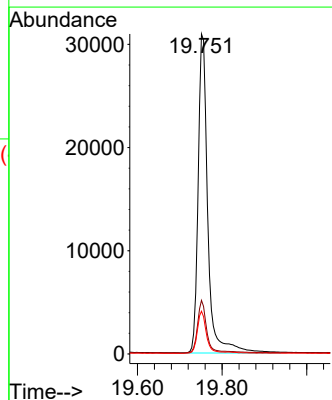
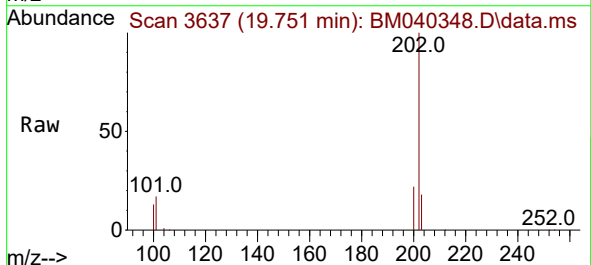
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

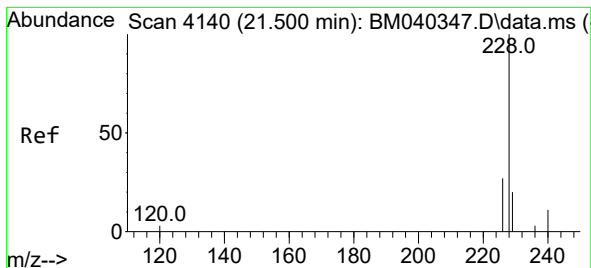
Tgt Ion:202 Resp: 47067
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.7 8.7 13.1



#20
Pyrene
Concen: 0.777 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:202 Resp: 48995
Ion Ratio Lower Upper
202 100
101 16.8 12.6 18.8
100 13.4 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.796 ng/ul

RT: 21.500 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM040348.D

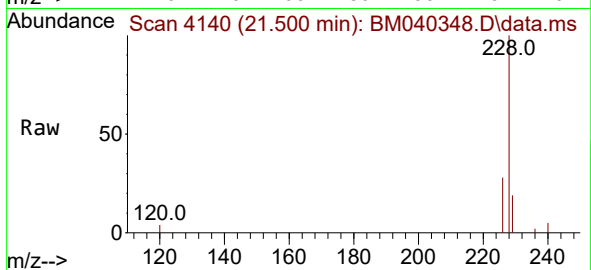
Acq: 22 Jun 2023 14:46

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025



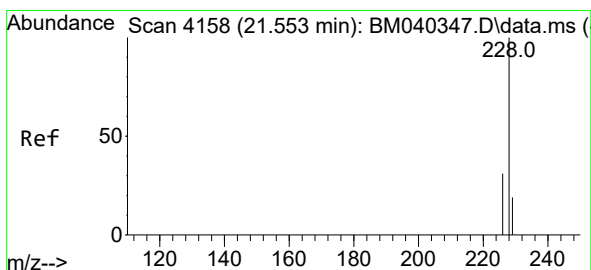
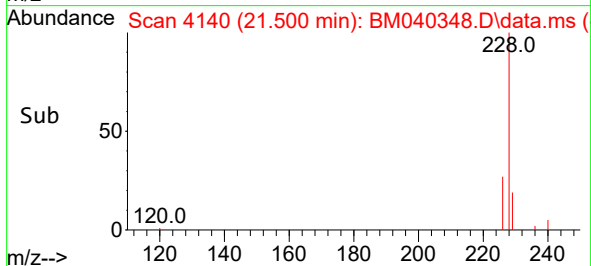
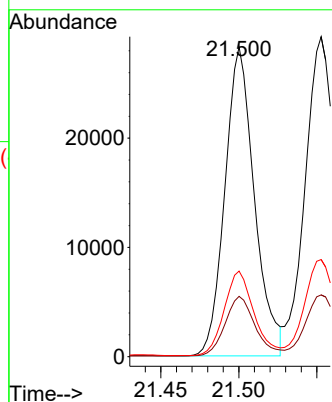
Tgt Ion:228 Resp: 37289

Ion Ratio Lower Upper

228 100

229 19.4 16.0 24.0

226 27.6 22.3 33.5



#22

Chrysene

Concen: 0.802 ng/ul

RT: 21.553 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BM040348.D

Acq: 22 Jun 2023 14:46

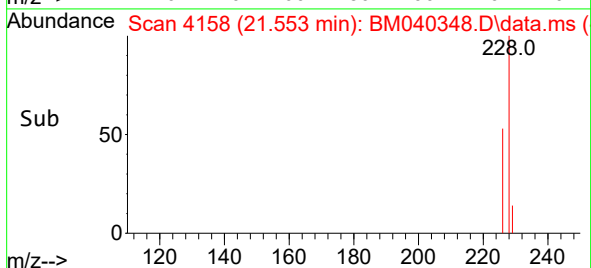
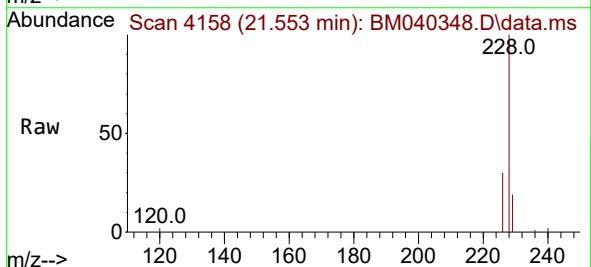
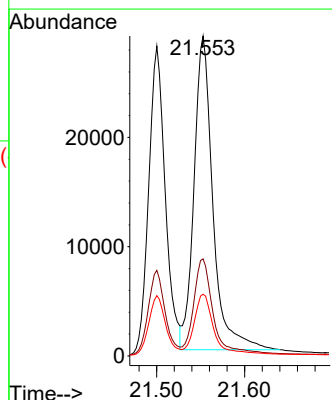
Tgt Ion:228 Resp: 42889

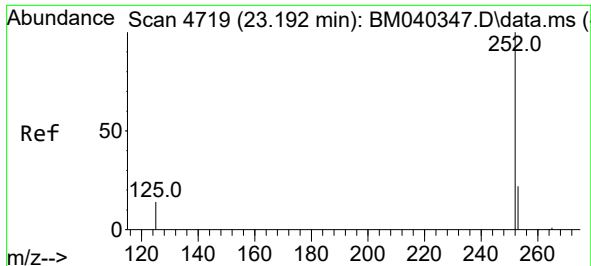
Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

229 19.3 15.8 23.6

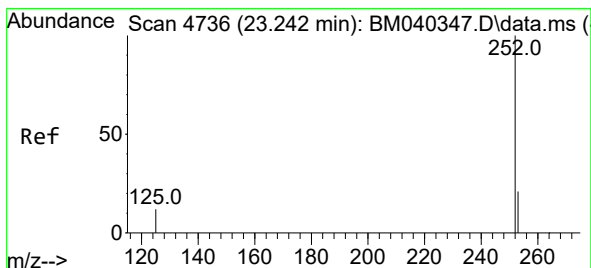
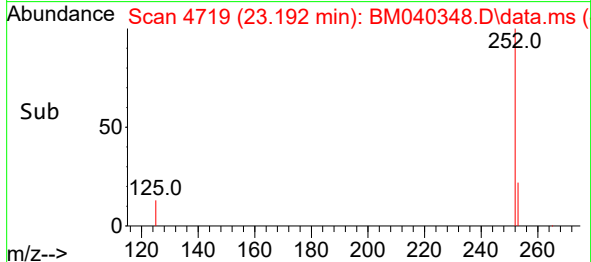
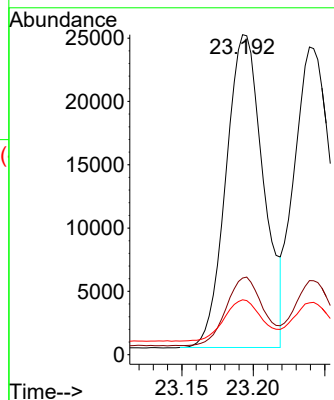
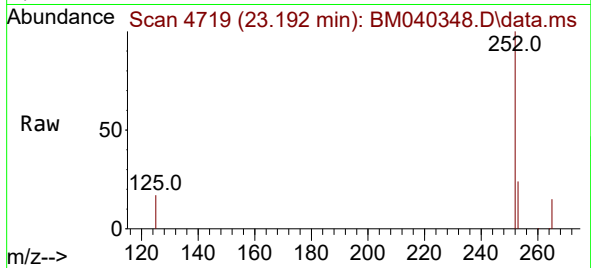




#24
Benzo(b)fluoranthene
Concen: 0.805 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

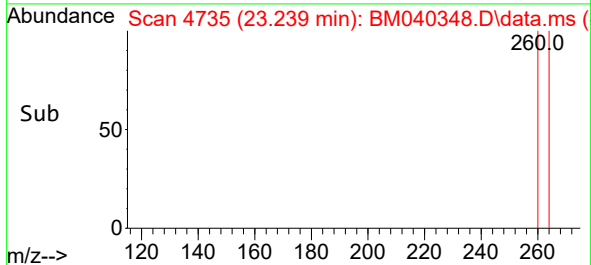
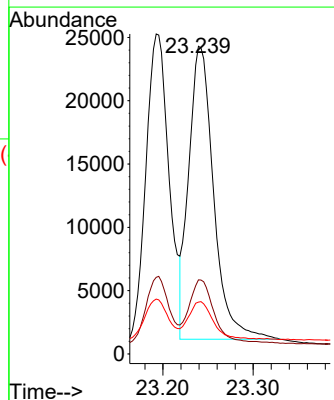
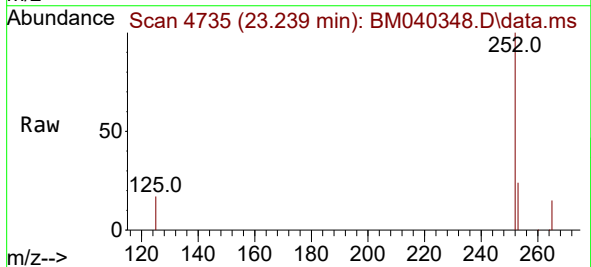
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

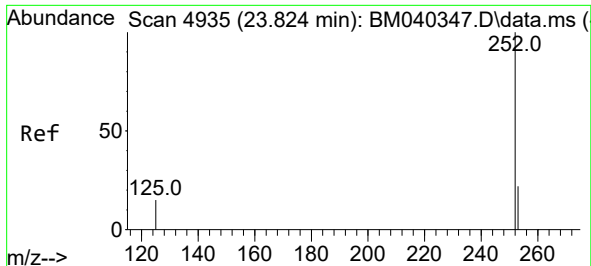
Tgt Ion:252 Resp: 45006
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.8
125 17.2 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.803 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:252 Resp: 44249
Ion Ratio Lower Upper
252 100
253 24.1 21.2 31.8
125 16.8 16.4 24.6

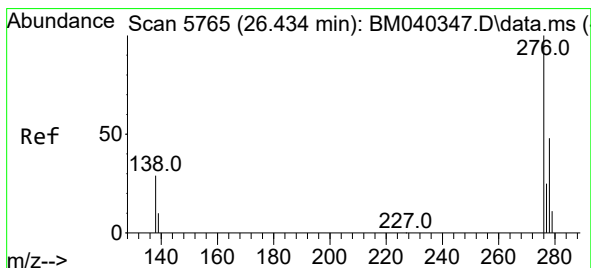
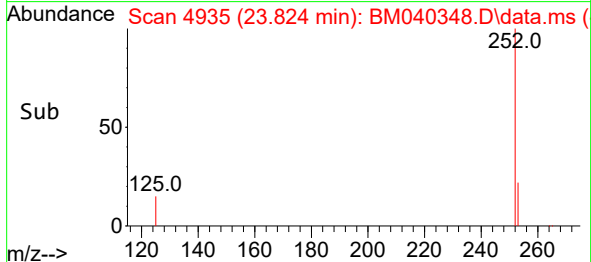
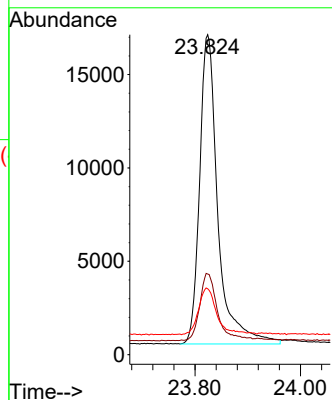
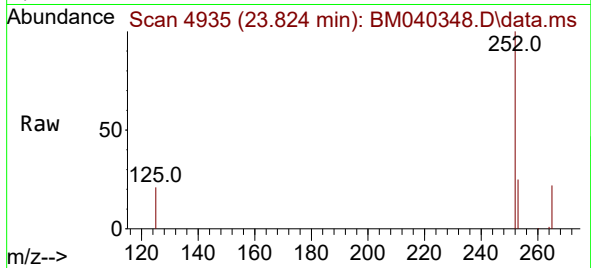




#26
Benzo(a)pyrene
Concen: 0.789 ng/ul
RT: 23.824 min Scan# 4935
Delta R.T. 0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

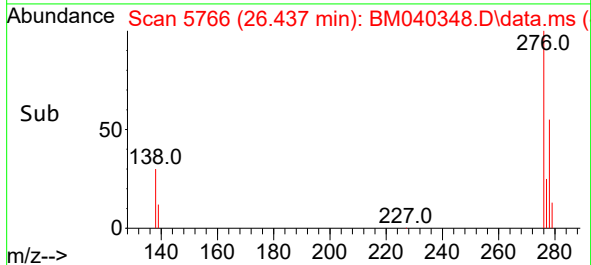
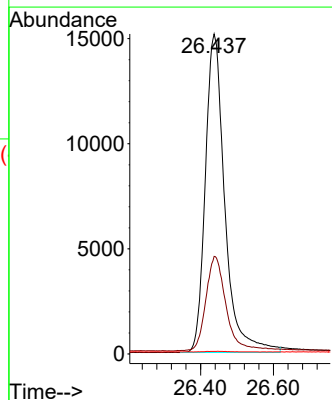
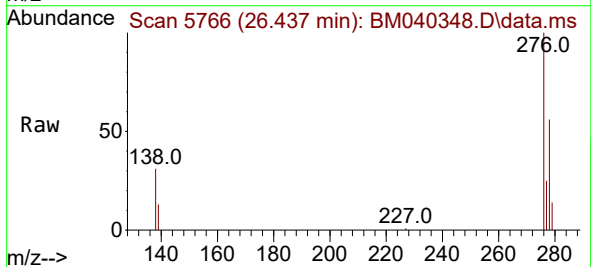
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

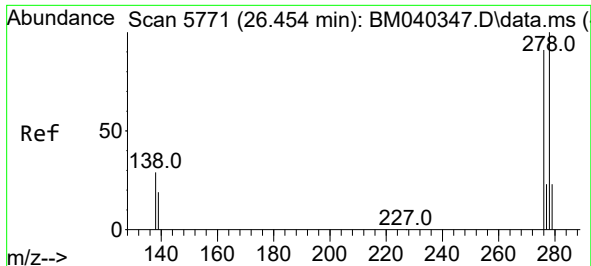
Tgt Ion:252 Resp: 39744
Ion Ratio Lower Upper
252 100
253 25.2 22.9 34.3
125 20.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.802 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.003 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:276 Resp: 56271
Ion Ratio Lower Upper
276 100
138 31.1 24.5 36.7
227 0.2 0.1 0.1#

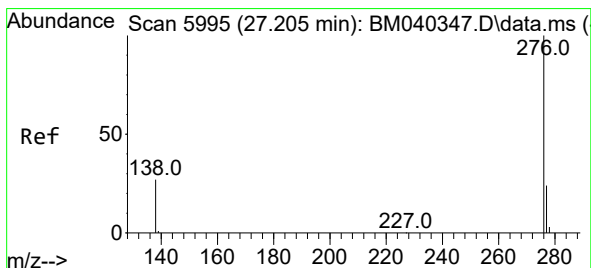
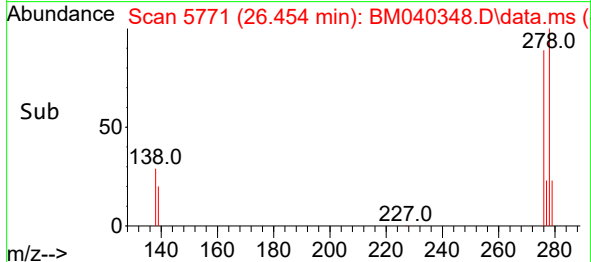
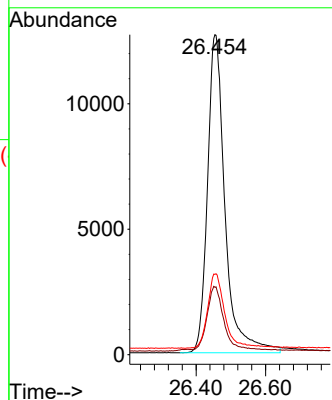
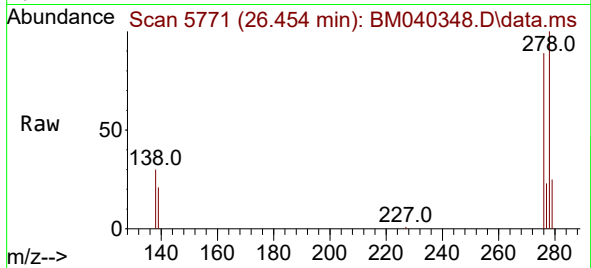




#28
Dibenzo(a,h)anthracene
Concen: 0.811 ng/ul
RT: 26.454 min Scan# 5771
Delta R.T. 0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:278 Resp: 44527
Ion Ratio Lower Upper
278 100
139 21.0 17.9 26.9
279 25.1 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.797 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040348.D
Acq: 22 Jun 2023 14:46

Tgt Ion:276 Resp: 49001
Ion Ratio Lower Upper
276 100
138 27.1 23.0 34.6
277 24.3 20.3 30.5

