

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123022\
 Data File : BM038348.D
 Acq On : 30 Dec 2022 11:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4057

Quant Time: Dec 30 22:51:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 01:43:54 2022
 Response via : Initial Calibration

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

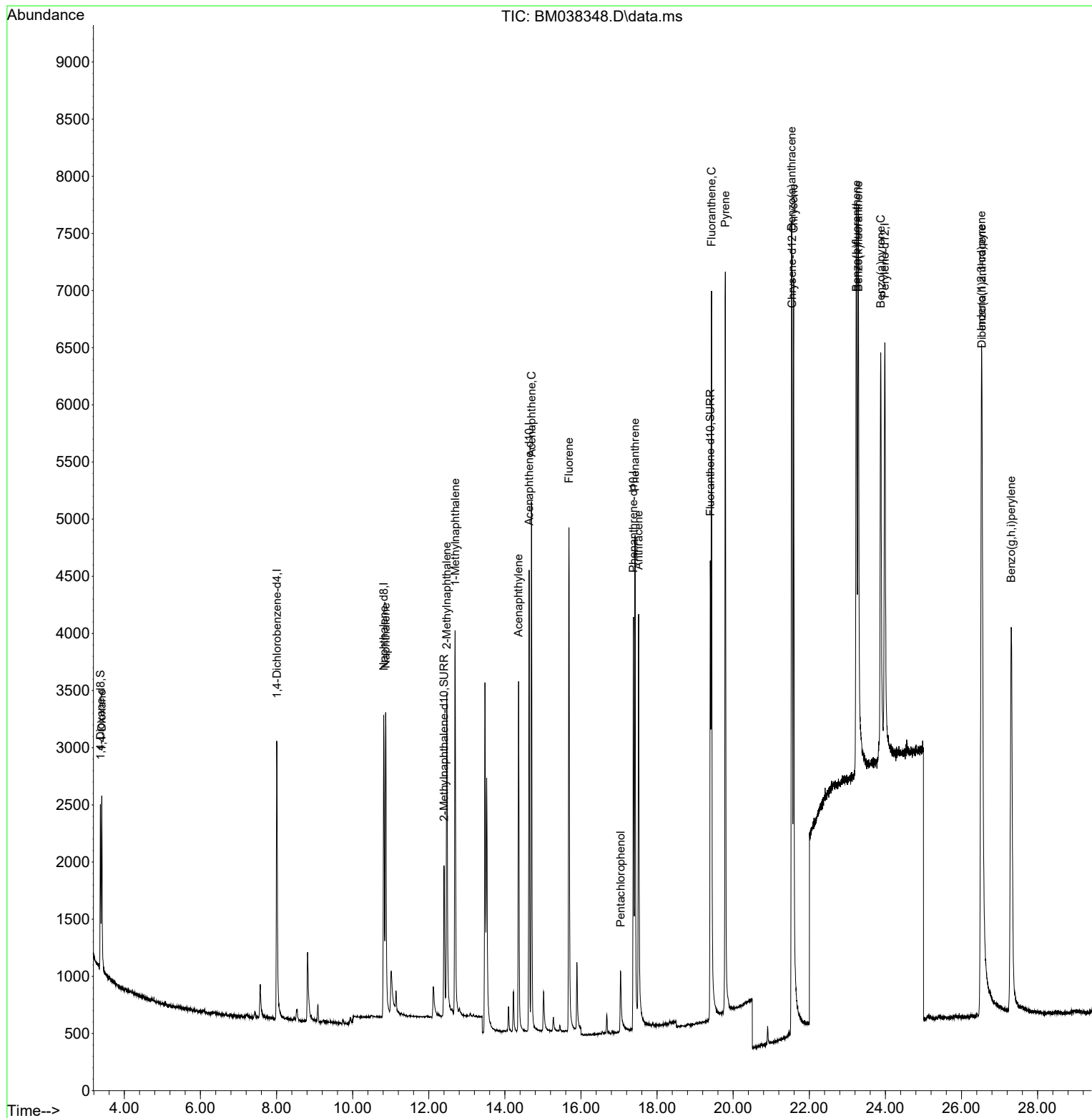
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	1535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	4166	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	2274	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	4845	0.400	ng/ul	0.00
17) Chrysene-d12	21.551	240	5020	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	5661	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	912	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2205	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	5243	0.369	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	927	0.395	ng/ul	99
5) Naphthalene	10.867	128	4014	0.361	ng/ul	98
7) 2-Methylnaphthalene	12.473	142	2447	0.358	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	2474	0.355	ng/ul	98
10) Acenaphthylene	14.361	152	3820	0.361	ng/ul	99
11) Acenaphthene	14.699	153	2790	0.355	ng/ul	97
12) Fluorene	15.684	166	3201	0.359	ng/ul	98
14) Pentachlorophenol	17.042	266	614	0.356	ng/ul	96
15) Phenanthrene	17.422	178	5054	0.353	ng/ul	100
16) Anthracene	17.515	178	4723	0.359	ng/ul	99
19) Fluoranthene	19.431	202	6423	0.370	ng/ul	100
20) Pyrene	19.794	202	6780	0.365	ng/ul	99
21) Benzo(a)anthracene	21.533	228	6008	0.360	ng/ul	100
22) Chrysene	21.589	228	6456	0.366	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	7453	0.364	ng/ul	99
25) Benzo(k)fluoranthene	23.290	252	7476	0.366	ng/ul	99
26) Benzo(a)pyrene	23.877	252	7190	0.371	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.526	276	10202	0.360	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.539	278	8017	0.361	ng/ul	97
29) Benzo(g,h,i)perylene	27.307	276	9063	0.360	ng/ul	99

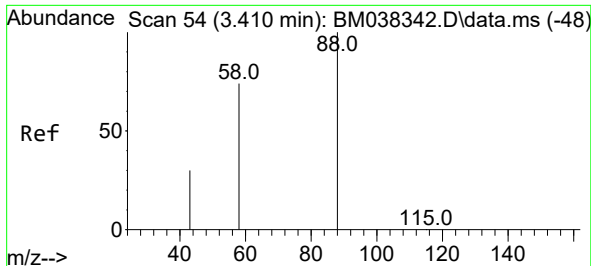
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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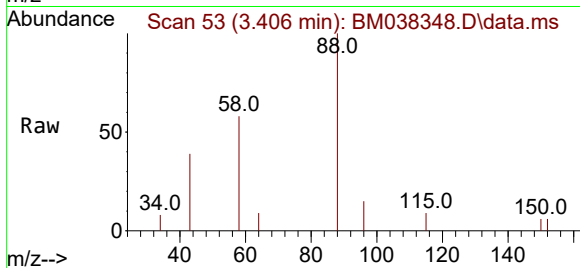
Quant Time: Dec 30 22:51:28 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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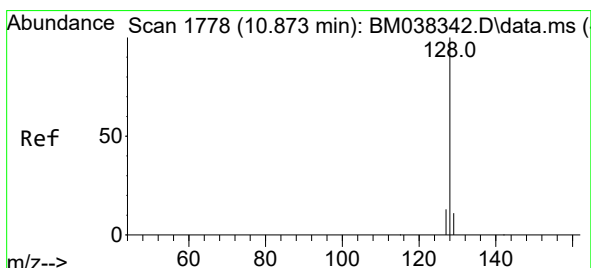
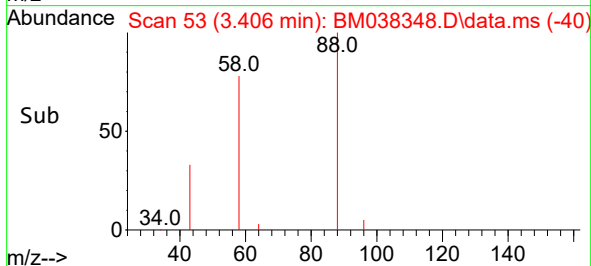
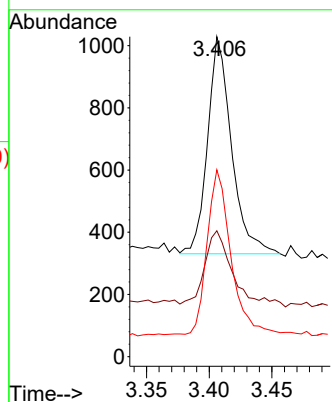
#2
1,4-Dioxane
Concen: 0.395 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.4057



Tgt Ion: 88 Resp: 927

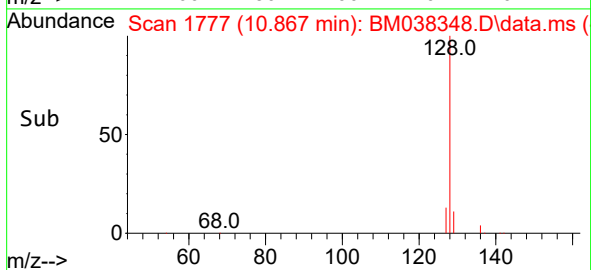
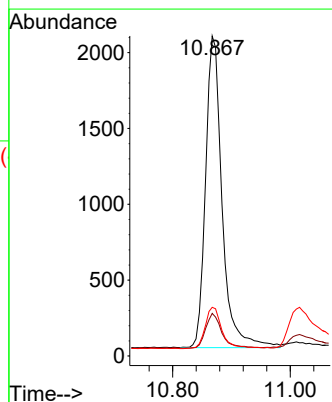
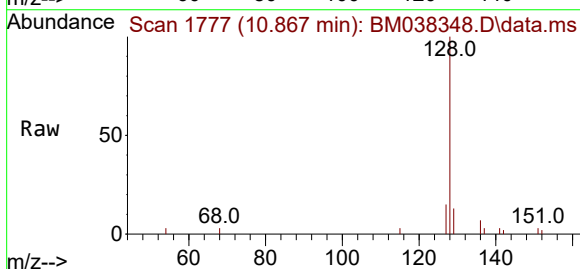
Ion	Ratio	Lower	Upper
88	100		
43	39.4	32.6	49.0
58	58.4	46.6	69.8

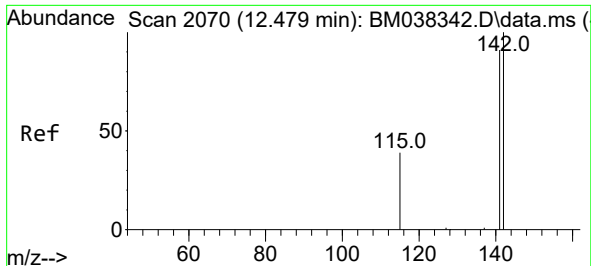


#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion: 128 Resp: 4014

Ion	Ratio	Lower	Upper
128	100		
129	13.3	10.2	15.2
127	15.2	11.4	17.2

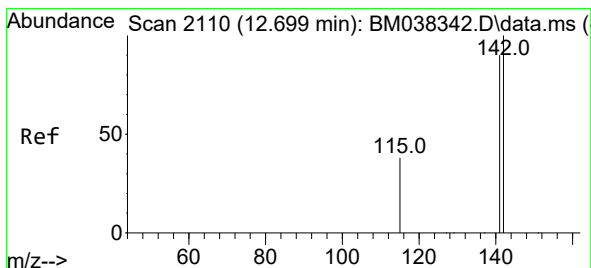
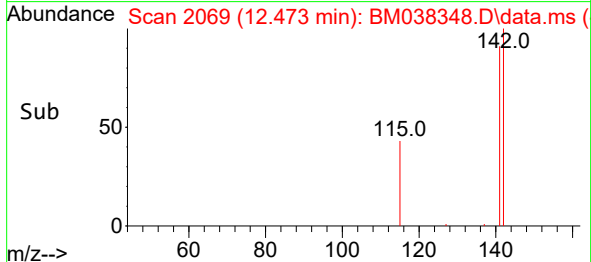
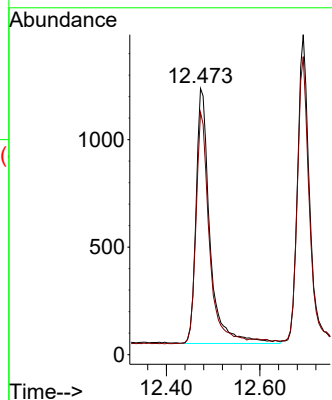
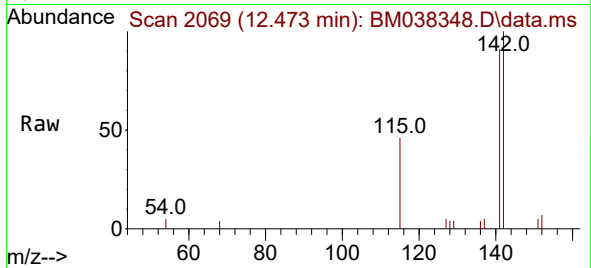




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.473 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

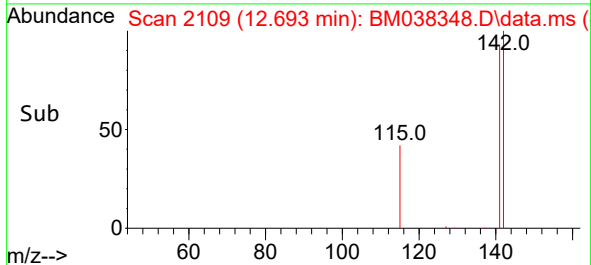
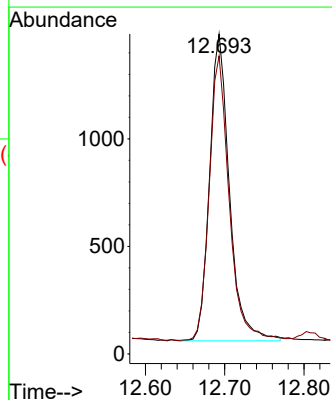
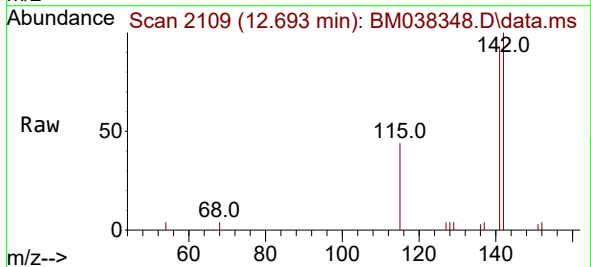
Instrument :
BNA_M
ClientSampleId :
SSTD0.4057

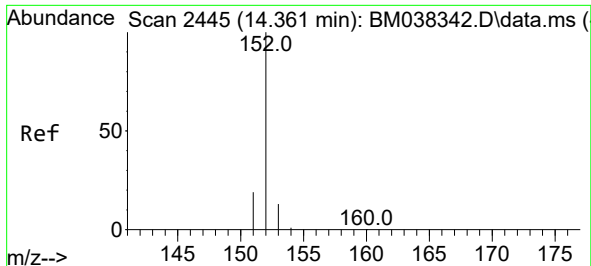
Tgt Ion:142 Resp: 2447
Ion Ratio Lower Upper
142 100
141 90.6 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion:142 Resp: 2474
Ion Ratio Lower Upper
142 100
141 93.0 73.2 109.8

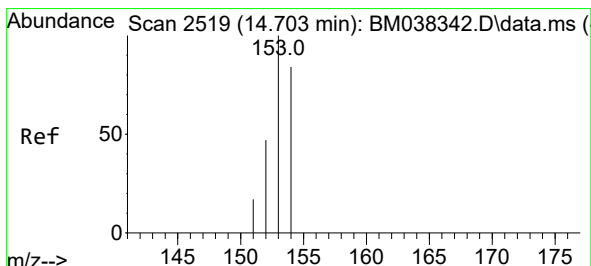
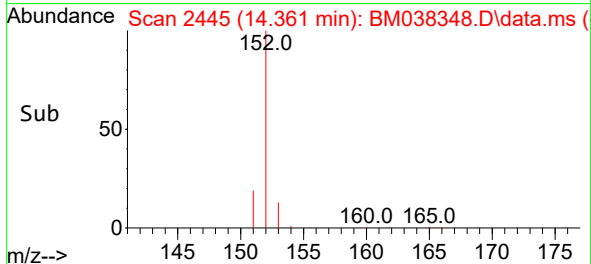
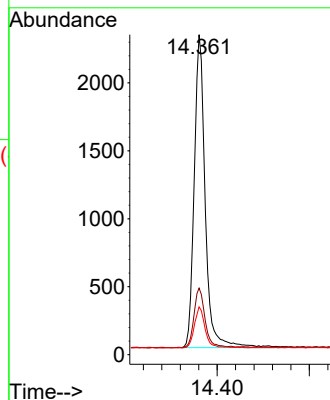
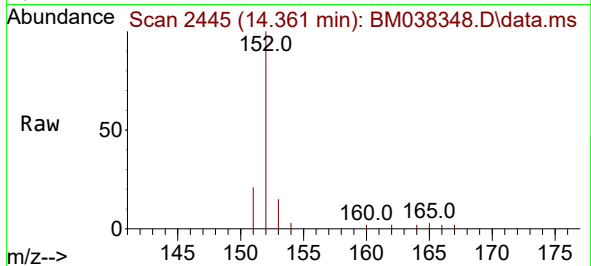




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

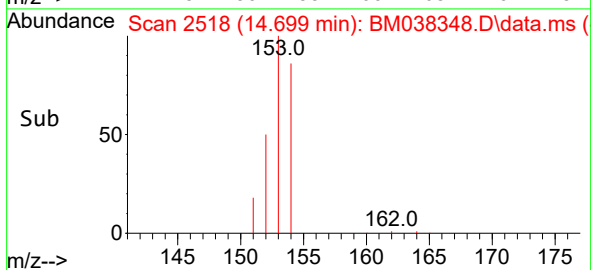
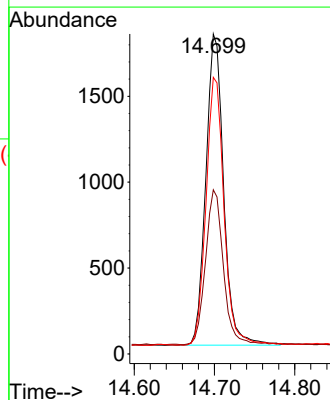
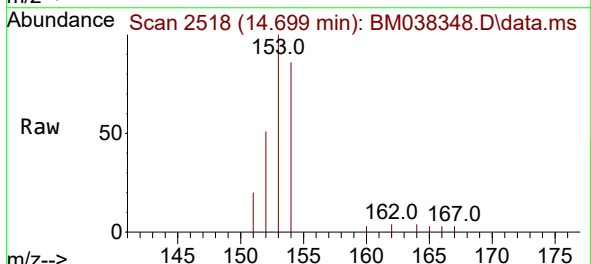
Instrument :
BNA_M
ClientSampleId :
SSTD0.4057

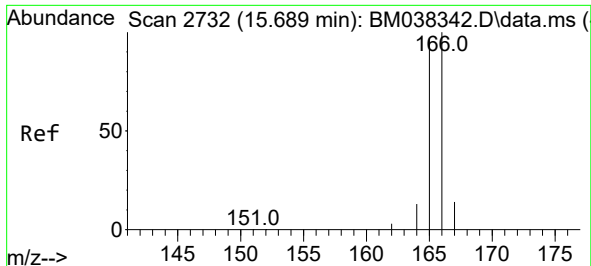
Tgt Ion:152 Resp: 3820
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 14.9 12.0 18.0



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion:153 Resp: 2790
Ion Ratio Lower Upper
153 100
152 51.3 38.8 58.2
154 86.5 67.3 100.9

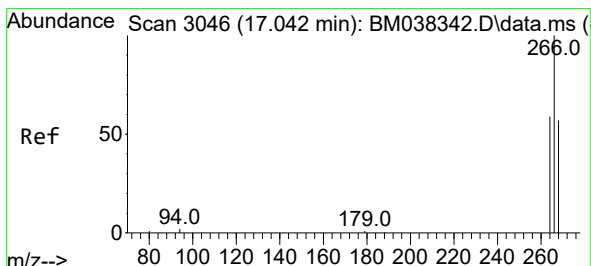
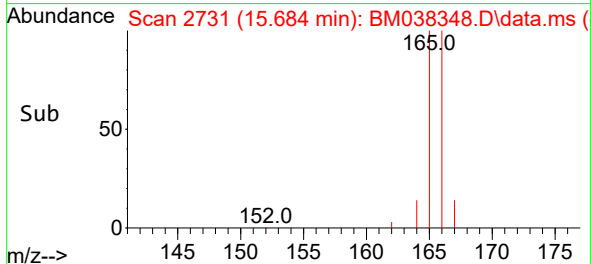
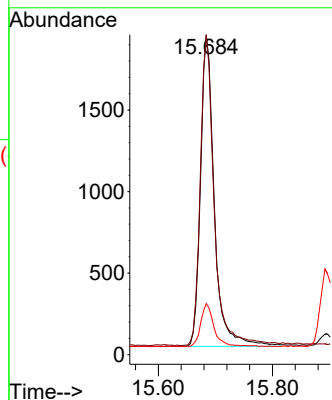
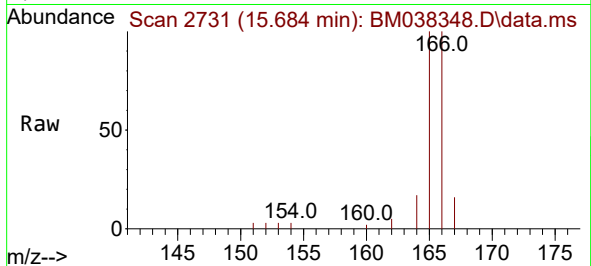




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

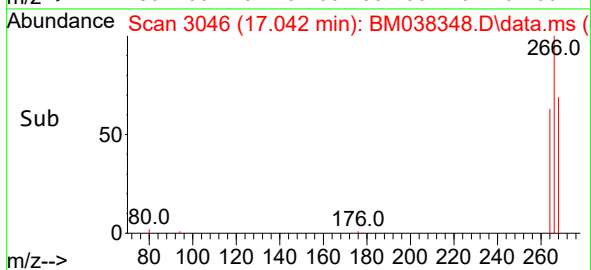
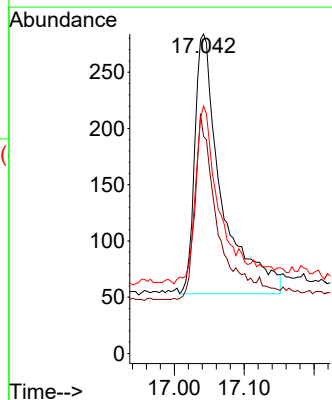
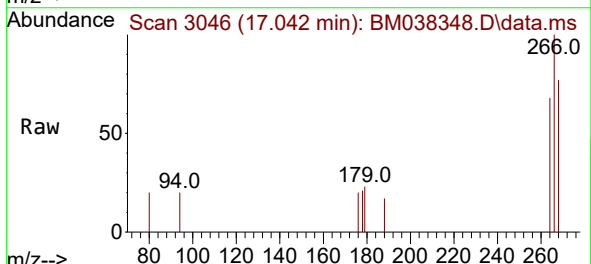
Instrument :
BNA_M
ClientSampleId :
SSTD0.4057

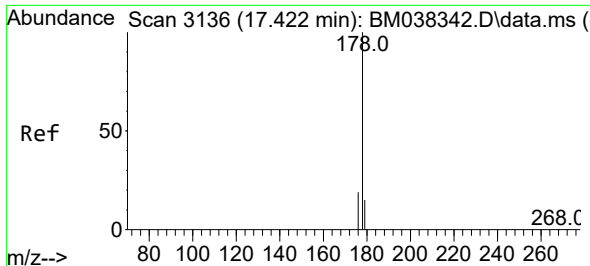
Tgt Ion:166 Resp: 3201
Ion Ratio Lower Upper
166 100
165 99.9 78.2 117.2
167 16.0 12.5 18.7



#14
Pentachlorophenol
Concen: 0.356 ng/ul
RT: 17.042 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion:266 Resp: 614
Ion Ratio Lower Upper
266 100
264 62.5 50.0 75.0
268 66.6 48.2 72.2

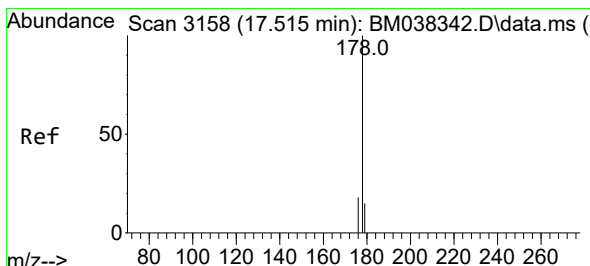
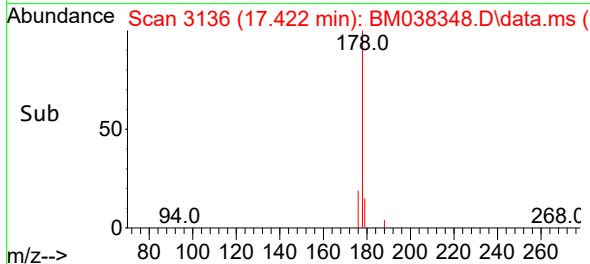
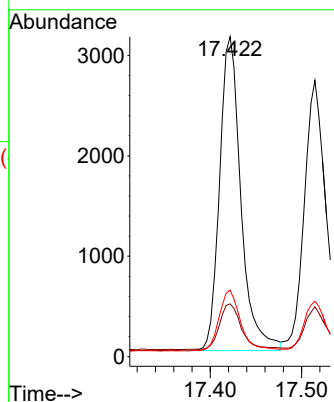
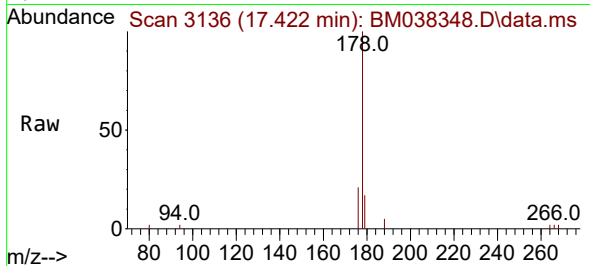




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

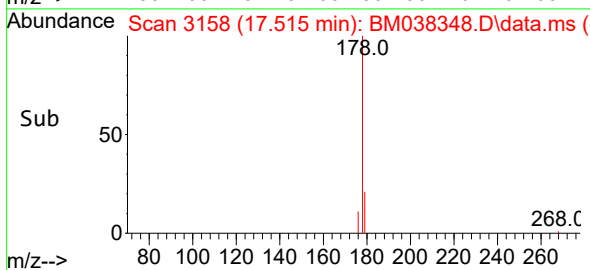
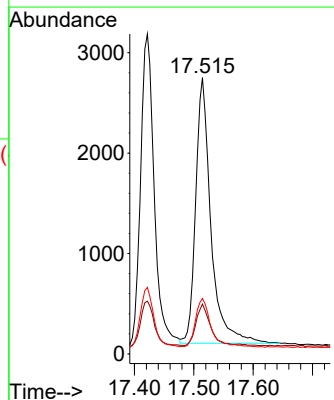
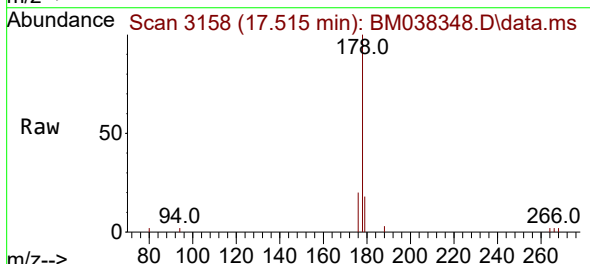
Instrument :
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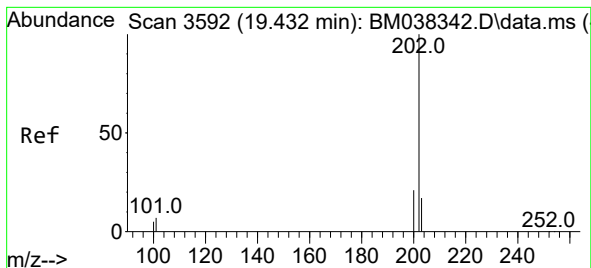
Tgt Ion:178 Resp: 5054
Ion Ratio Lower Upper
178 100
179 16.5 13.5 20.3
176 20.8 16.6 25.0



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.515 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion:178 Resp: 4723
Ion Ratio Lower Upper
178 100
179 18.1 14.2 21.2
176 20.1 15.8 23.8





#19

Fluoranthene

Concen: 0.370 ng/ul

RT: 19.431 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM038348.D

Acq: 30 Dec 2022 11:07

Instrument :

BNA_M

ClientSampleId :

SSTD0.4057

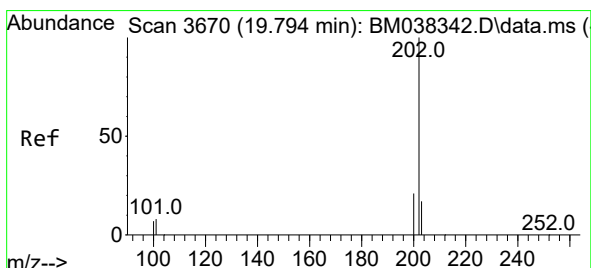
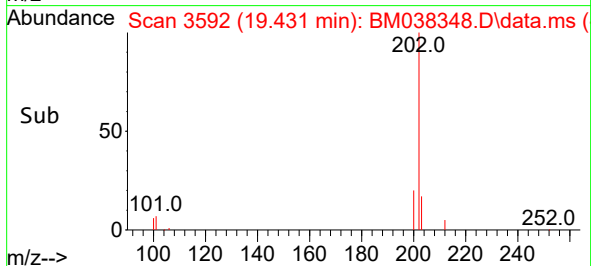
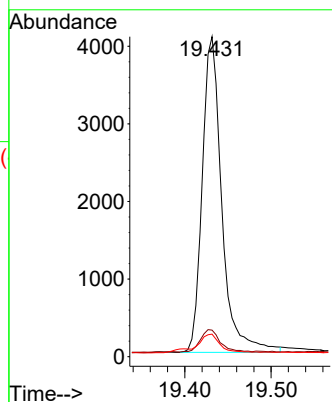
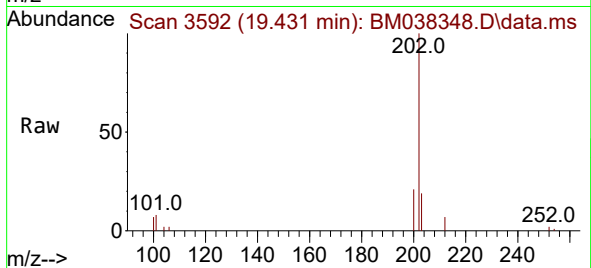
Tgt Ion:202 Resp: 6423

Ion Ratio Lower Upper

202 100

101 8.3 6.6 10.0

100 7.0 5.4 8.2



#20

Pyrene

Concen: 0.365 ng/ul

RT: 19.794 min Scan# 3670

Delta R.T. -0.000 min

Lab File: BM038348.D

Acq: 30 Dec 2022 11:07

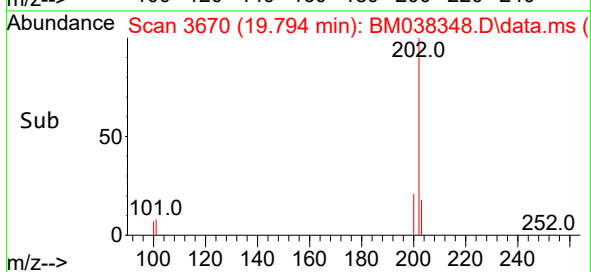
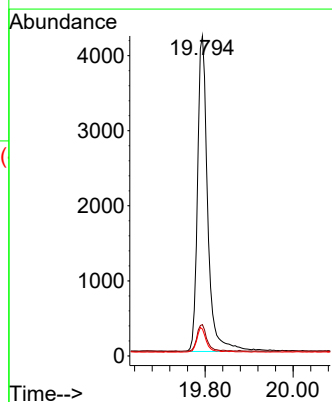
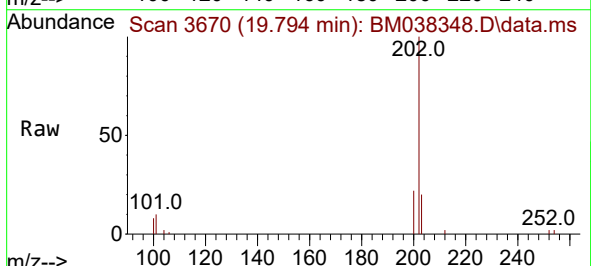
Tgt Ion:202 Resp: 6780

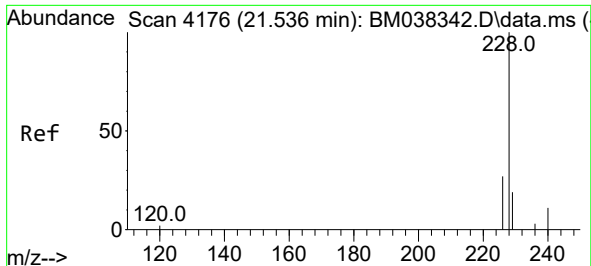
Ion Ratio Lower Upper

202 100

101 9.8 7.8 11.6

100 8.4 6.5 9.7

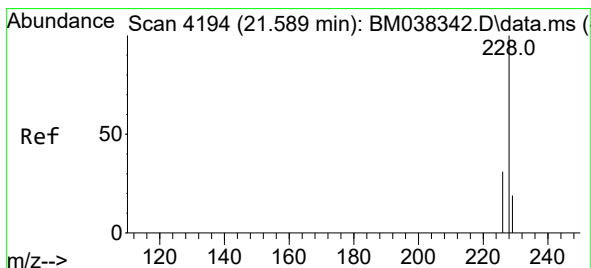
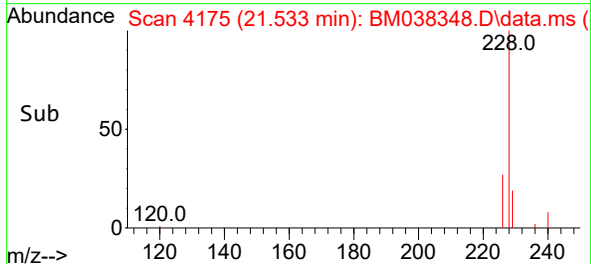
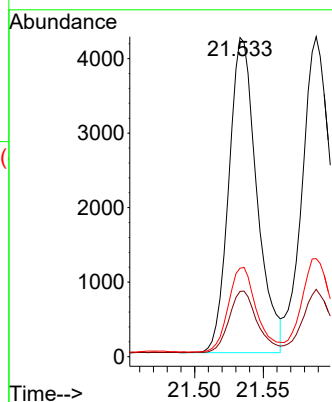
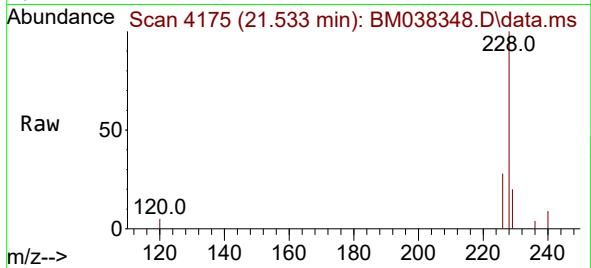




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.533 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

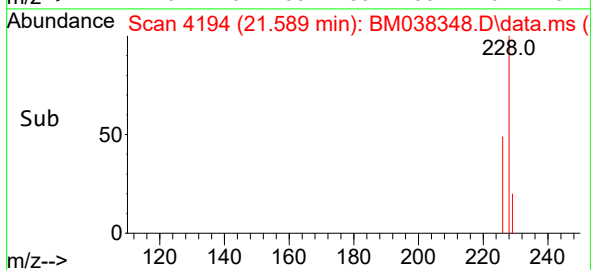
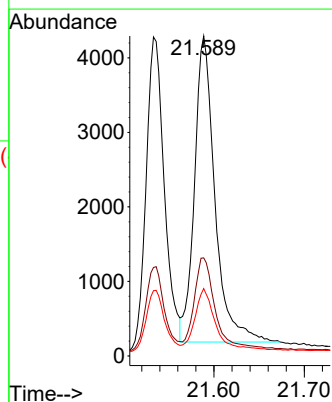
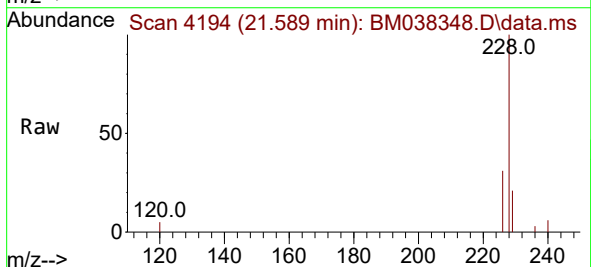
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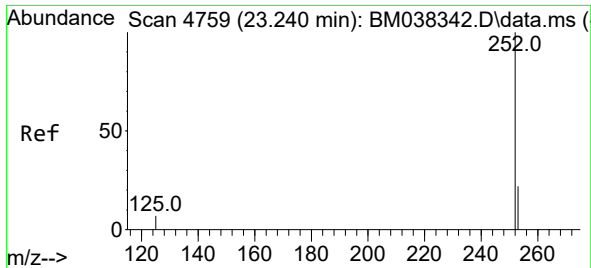
Tgt Ion:228 Resp: 6008
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.589 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion:228 Resp: 6456
Ion Ratio Lower Upper
228 100
226 30.6 25.3 37.9
229 21.0 16.4 24.6

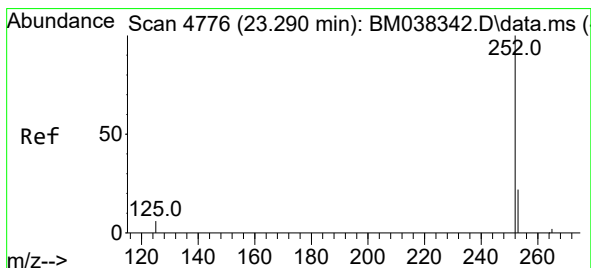
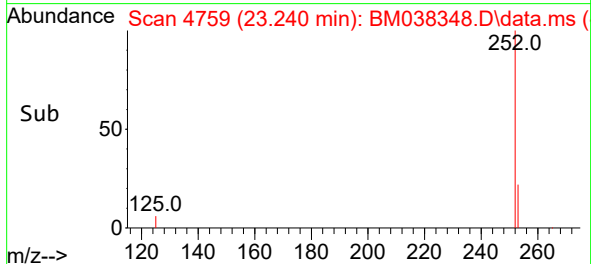
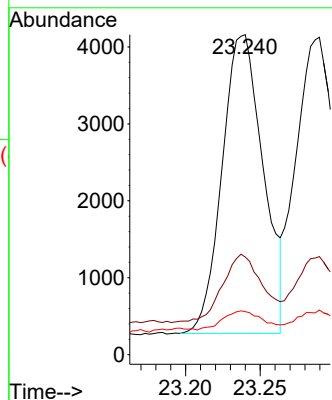
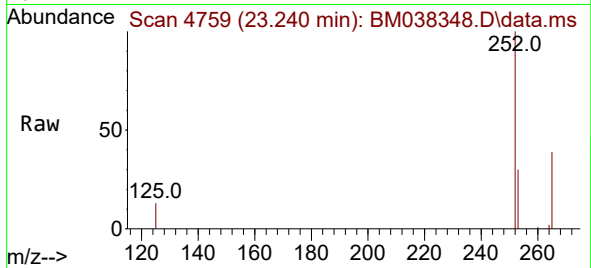




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

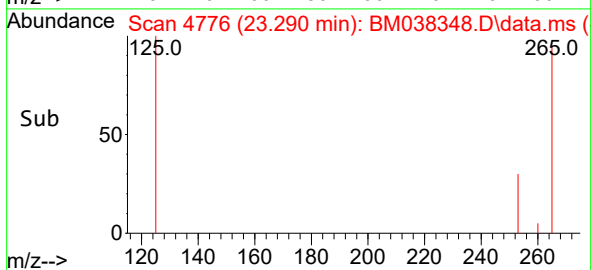
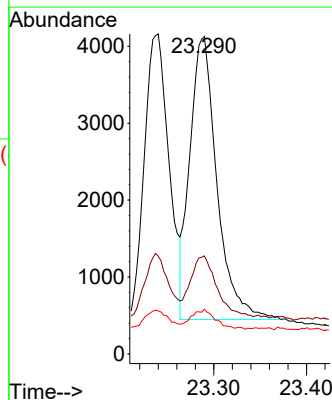
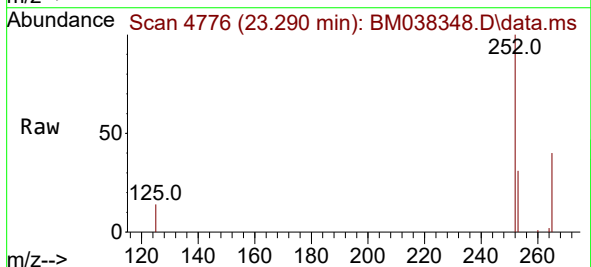
Instrument :
BNA_M
ClientSampleId :
SSTD0.4057

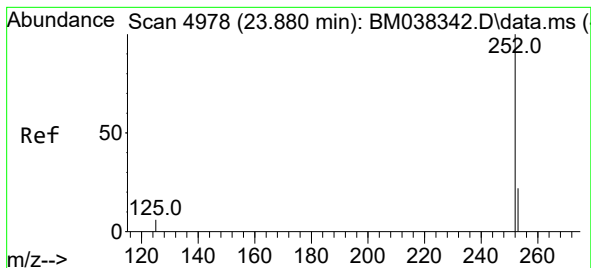
Tgt Ion:252 Resp: 7453
Ion Ratio Lower Upper
252 100
253 30.5 0.0 60.4
125 13.5 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.000 min
Lab File: BM038348.D
Acq: 30 Dec 2022 11:07

Tgt Ion:252 Resp: 7476
Ion Ratio Lower Upper
252 100
253 30.9 24.4 36.6
125 14.1 10.7 16.1





#26

Benzo(a)pyrene

Concen: 0.371 ng/ul

RT: 23.877 min Scan# 4977

Delta R.T. -0.003 min

Lab File: BM038348.D

Acq: 30 Dec 2022 11:07

Instrument :

BNA_M

ClientSampleId :

SSTD0.4057

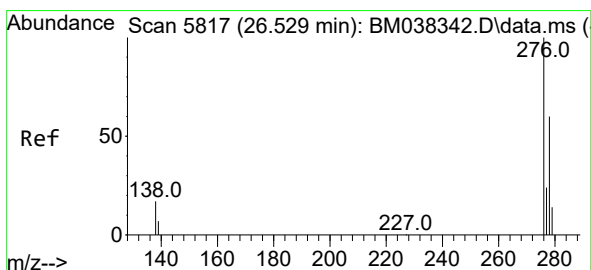
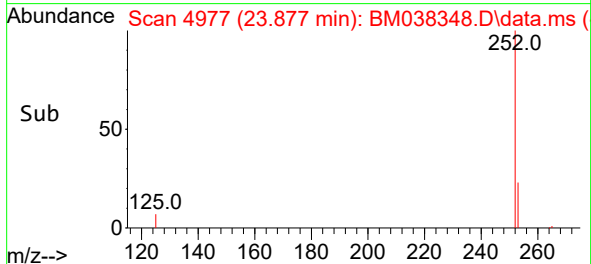
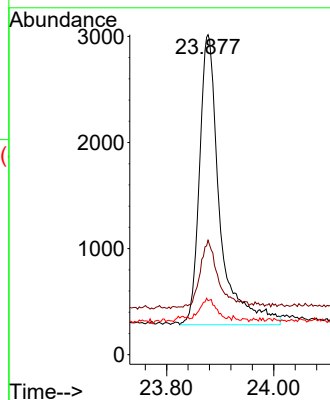
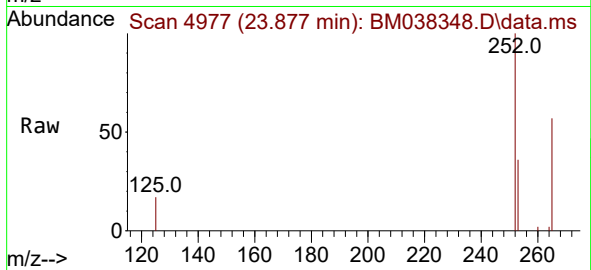
Tgt Ion:252 Resp: 7190

Ion Ratio Lower Upper

252 100

253 35.8 27.4 41.2

125 16.9 13.8 20.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 26.526 min Scan# 5816

Delta R.T. -0.003 min

Lab File: BM038348.D

Acq: 30 Dec 2022 11:07

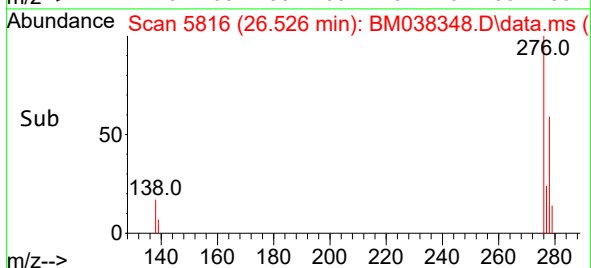
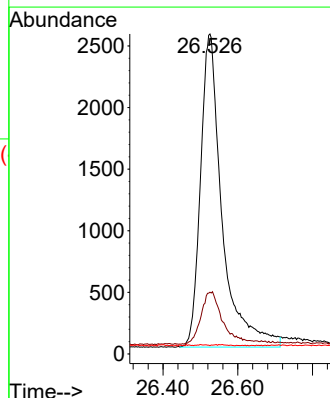
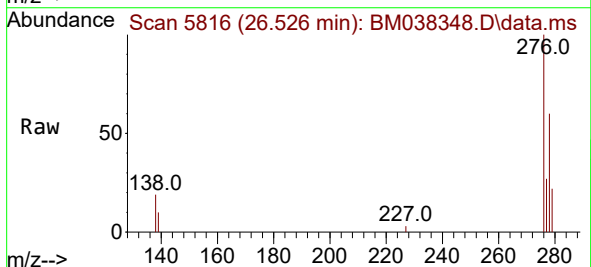
Tgt Ion:276 Resp: 10202

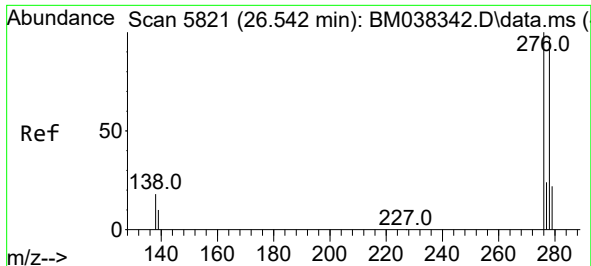
Ion Ratio Lower Upper

276 100

138 17.4 14.1 21.1

227 0.1 0.1 0.1#

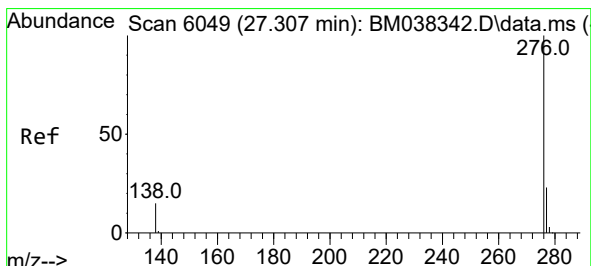
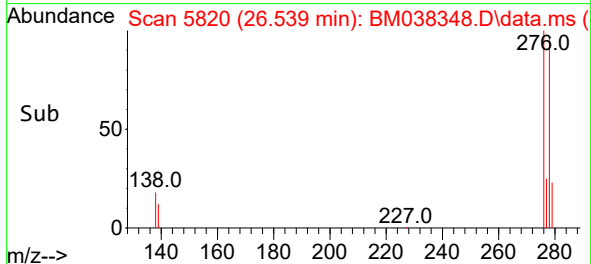
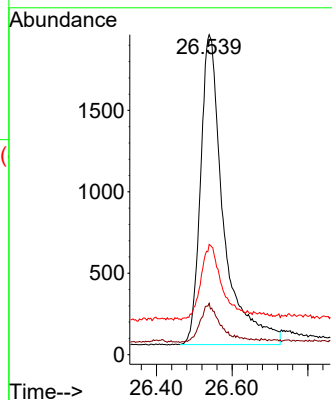
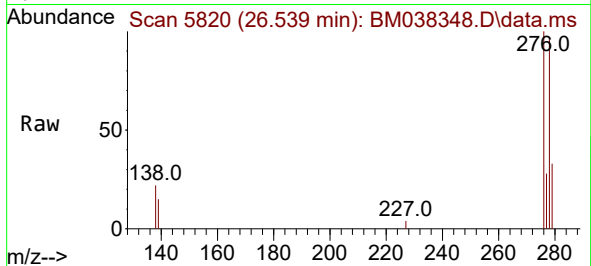




#28
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 26.539 min Scan# 5820
 Delta R.T. -0.003 min
 Lab File: BM038348.D
 Acq: 30 Dec 2022 11:07

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4057

Tgt Ion:278 Resp: 8017
 Ion Ratio Lower Upper
 278 100
 139 16.0 11.4 17.0
 279 34.5 26.4 39.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.360 ng/ul
 RT: 27.307 min Scan# 6049
 Delta R.T. 0.000 min
 Lab File: BM038348.D
 Acq: 30 Dec 2022 11:07

Tgt Ion:276 Resp: 9063
 Ion Ratio Lower Upper
 276 100
 138 17.3 14.4 21.6
 277 25.7 20.7 31.1

