

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039312.D
 Acq On : 06 Apr 2023 10:59
 Operator : CG/JU
 Sample : SST0.843
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8018

Quant Time: Apr 06 23:45:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:03:35 2023
 Response via : Initial Calibration

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

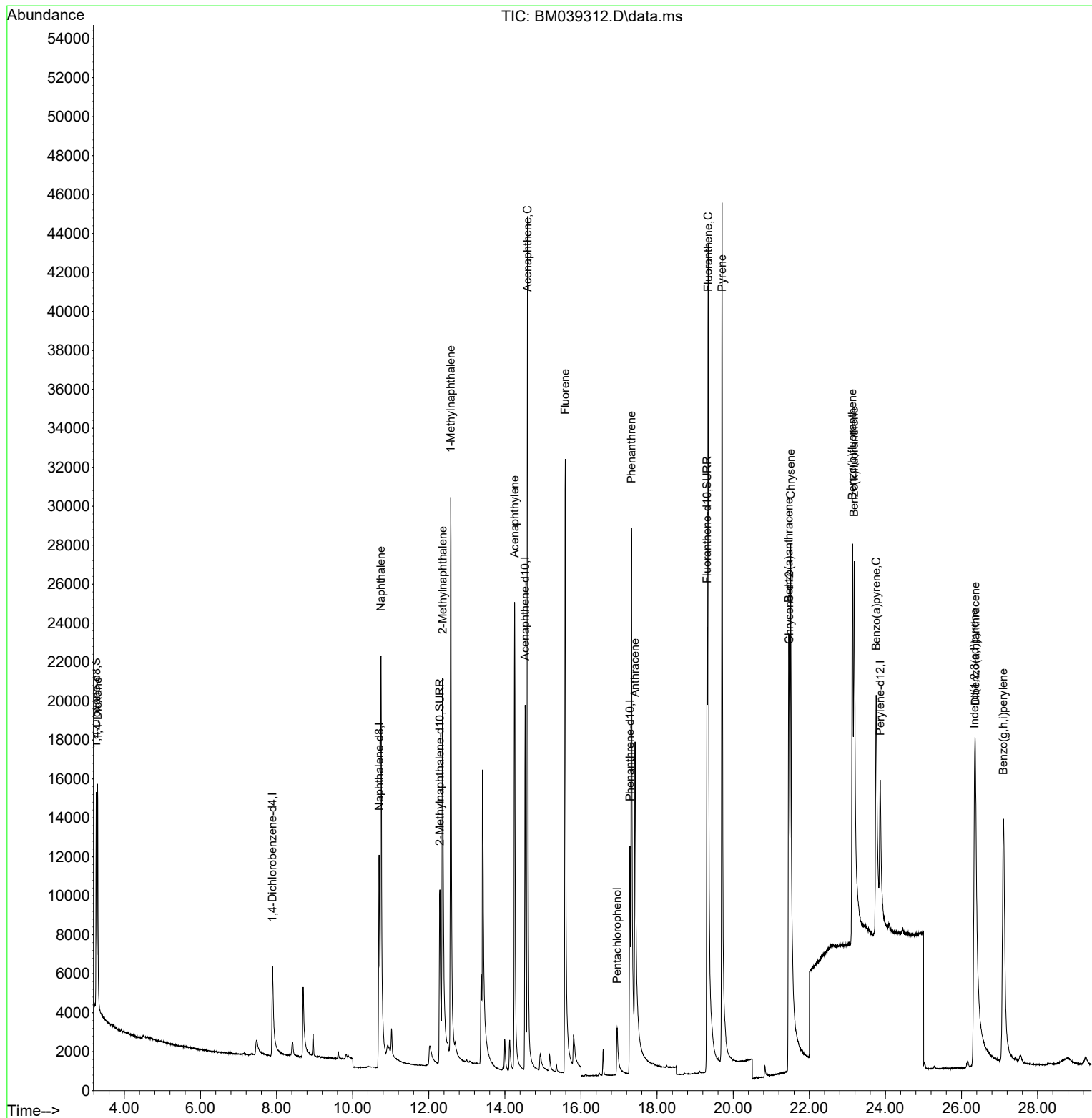
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	4846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	21668	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	12285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	18954	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	14277	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	13222	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	6739	0.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	19784	0.790	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	35453	0.797	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	7287	0.759	ng/ul#	85
5) Naphthalene	10.746	128	39646	0.769	ng/ul	97
7) 2-Methylnaphthalene	12.363	142	22701	0.784	ng/ul	100
8) 1-Methylnaphthalene	12.577	142	25283	0.771	ng/ul	100
10) Acenaphthylene	14.254	152	36228	0.760	ng/ul	98
11) Acenaphthene	14.597	153	28587	0.762	ng/ul	100
12) Fluorene	15.587	166	29819	0.798	ng/ul	100
14) Pentachlorophenol	16.949	266	3321	0.735	ng/ul#	82
15) Phenanthrene	17.324	178	40404	0.768	ng/ul	99
16) Anthracene	17.421	178	31236	0.780	ng/ul	96
19) Fluoranthene	19.343	202	47105	0.797	ng/ul	100
20) Pyrene	19.705	202	52821	0.780	ng/ul	100
21) Benzo(a)anthracene	21.457	228	25271	0.763	ng/ul	99
22) Chrysene	21.509	228	31216	0.773	ng/ul	100
24) Benzo(b)fluoranthene	23.135	252	33888	0.808	ng/ul	88
25) Benzo(k)fluoranthene	23.178	252	30677	0.767	ng/ul#	88
26) Benzo(a)pyrene	23.757	252	32558	0.770	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.340	276	40301	0.757	ng/ul	99
28) Dibenzo(a,h)anthracene	26.364	278	28395	0.762	ng/ul#	89
29) Benzo(g,h,i)perylene	27.098	276	38207	0.748	ng/ul	97

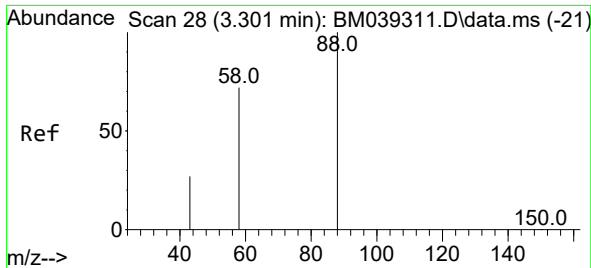
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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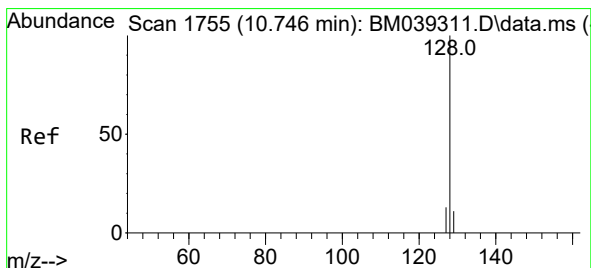
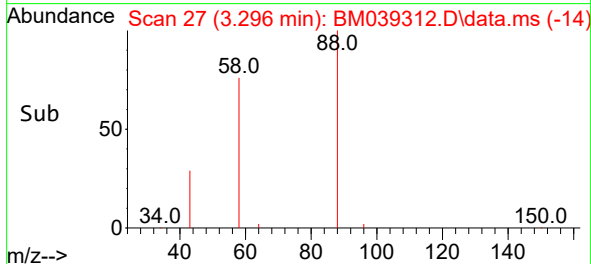
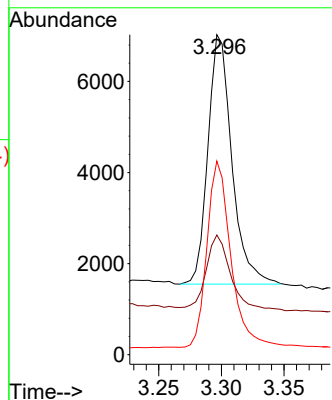
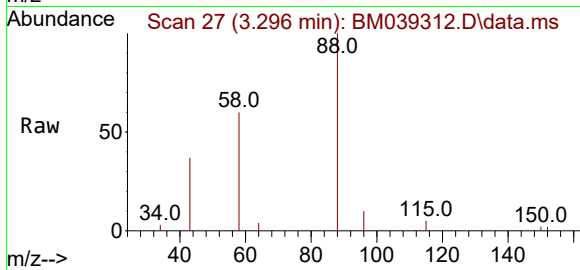




#2
1,4-Dioxane
Concen: 0.759 ng/ul
RT: 3.296 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

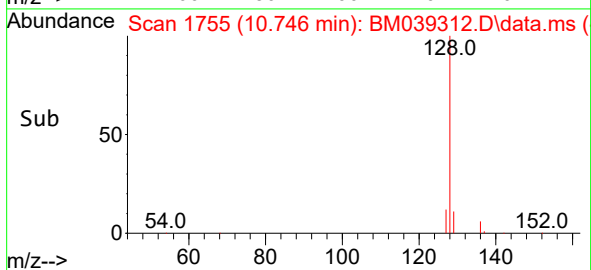
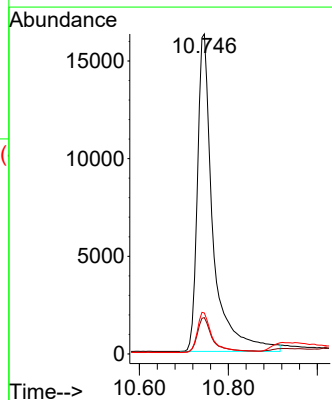
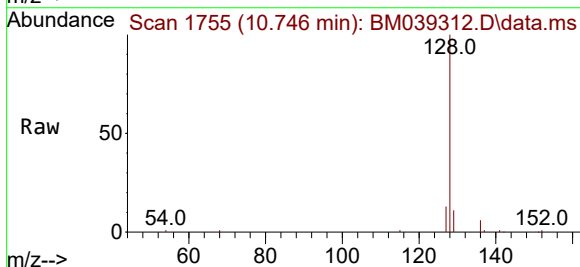
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

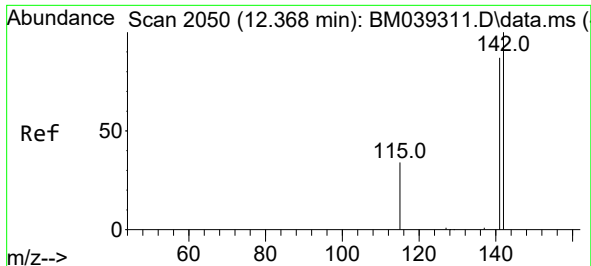
Tgt Ion: 88 Resp: 7287
Ion Ratio Lower Upper
88 100
43 37.4 30.6 45.8
58 60.5 34.1 51.1#



#5
Naphthalene
Concen: 0.769 ng/ul
RT: 10.746 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion: 128 Resp: 39646
Ion Ratio Lower Upper
128 100
129 11.3 10.1 15.1
127 12.8 11.0 16.4

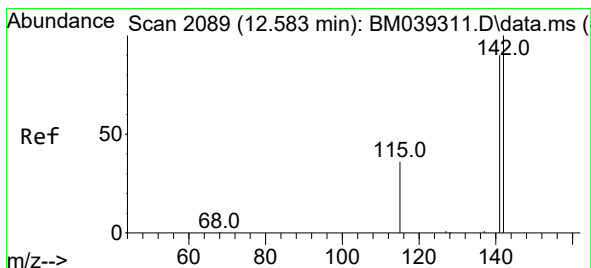
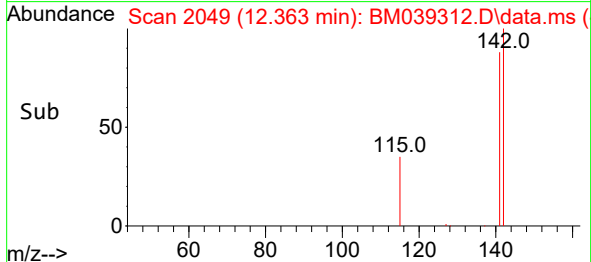
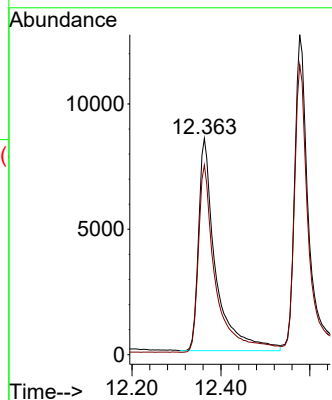
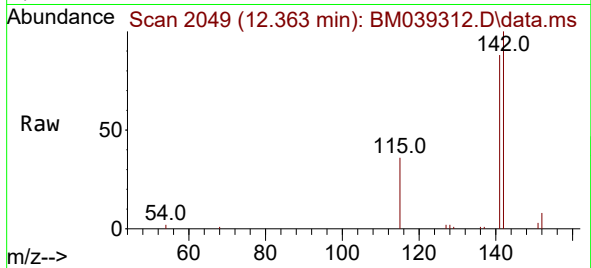




#7
2-Methylnaphthalene
Concen: 0.784 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

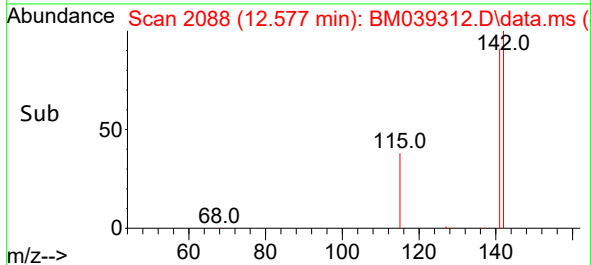
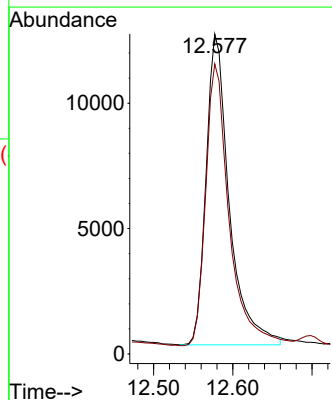
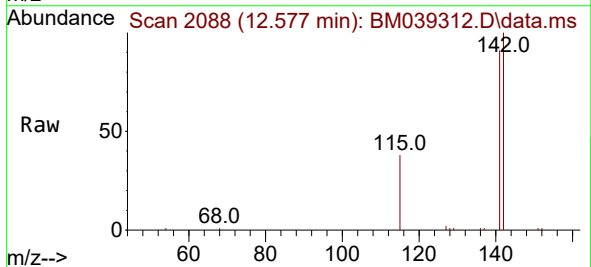
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

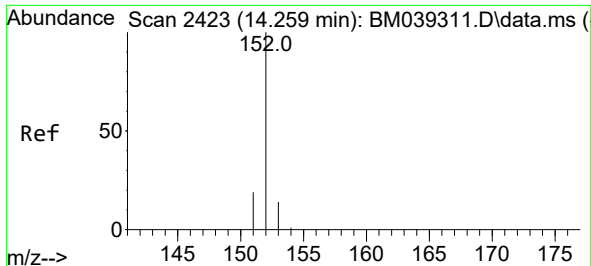
Tgt Ion:142 Resp: 22701
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.771 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:142 Resp: 25283
Ion Ratio Lower Upper
142 100
141 90.9 72.6 109.0

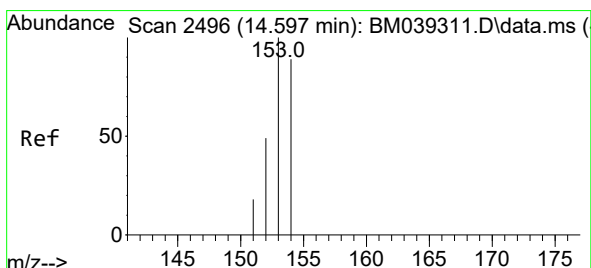
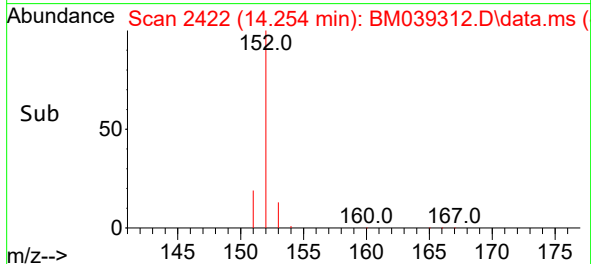
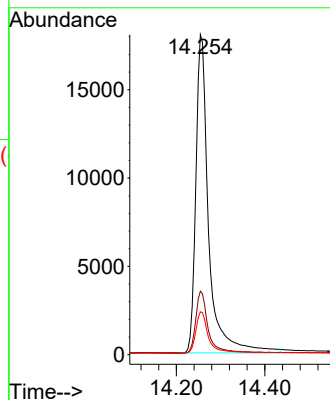
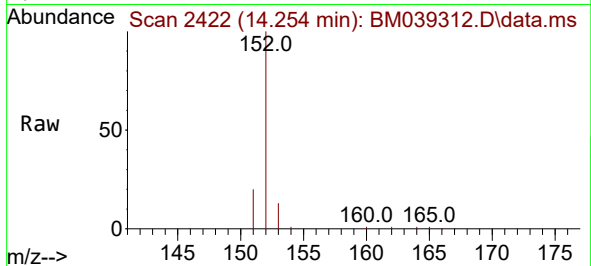




#10
Acenaphthylene
Concen: 0.760 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

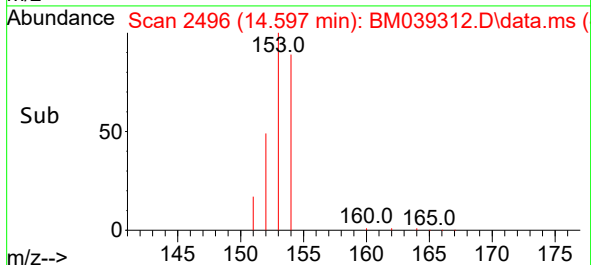
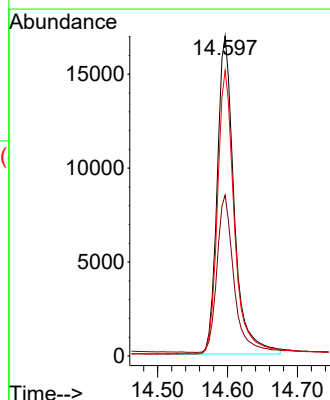
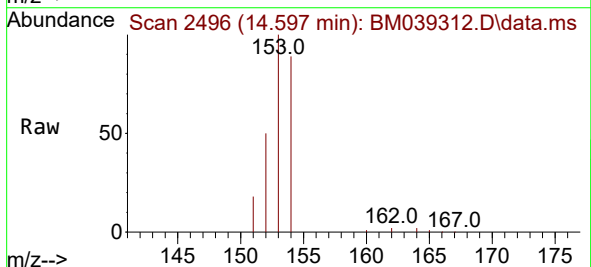
Instrument :
BNA_M
ClientSampleId :
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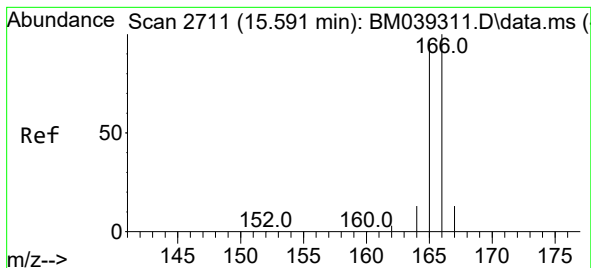
Tgt Ion:152 Resp: 36228
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.4 11.6 17.4



#11
Acenaphthene
Concen: 0.762 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:153 Resp: 28587
Ion Ratio Lower Upper
153 100
152 50.3 40.3 60.5
154 89.2 71.5 107.3





#12

Fluorene

Concen: 0.798 ng/ul

RT: 15.587 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM039312.D

Acq: 06 Apr 2023 10:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.8018

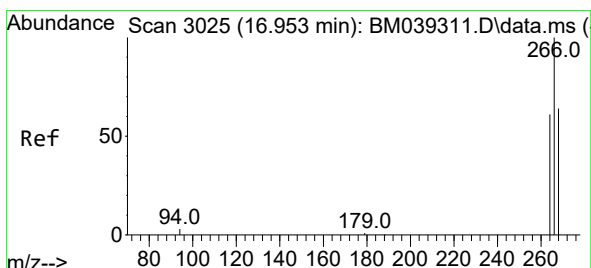
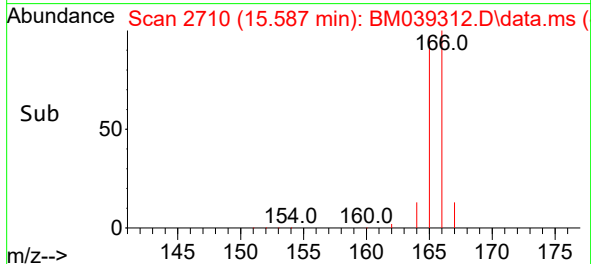
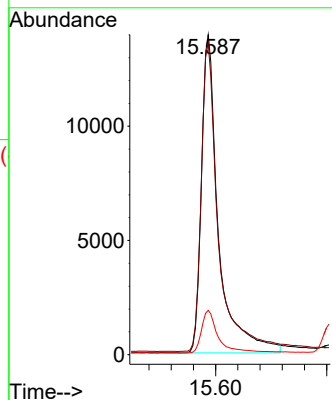
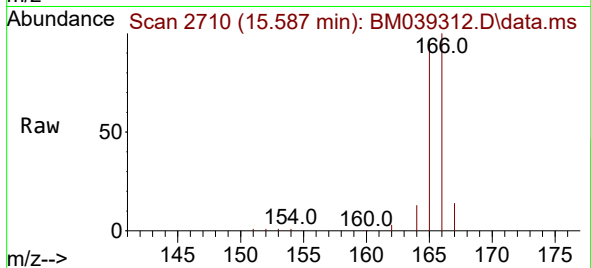
Tgt Ion:166 Resp: 29819

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.8

167 13.9 11.8 17.6



#14

Pentachlorophenol

Concen: 0.735 ng/ul

RT: 16.949 min Scan# 3024

Delta R.T. -0.004 min

Lab File: BM039312.D

Acq: 06 Apr 2023 10:59

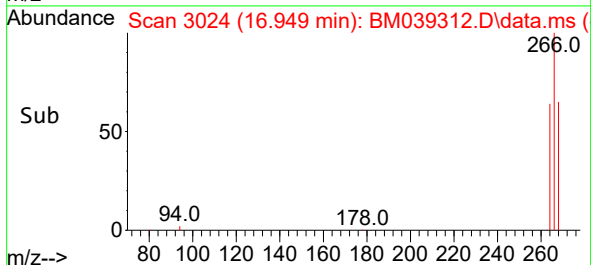
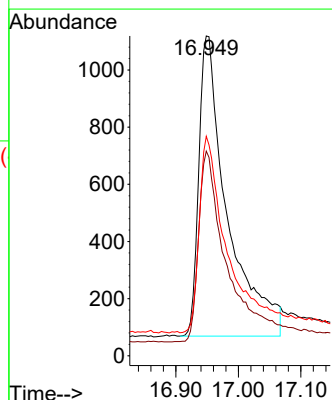
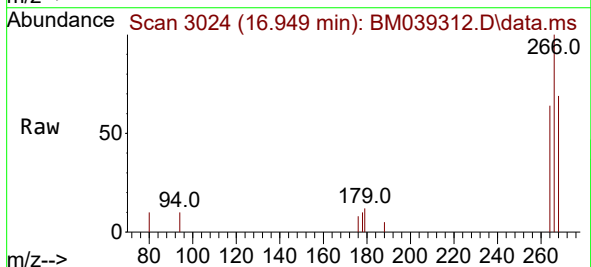
Tgt Ion:266 Resp: 3321

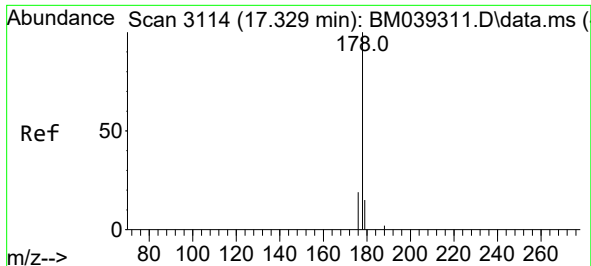
Ion Ratio Lower Upper

266 100

264 62.9 39.6 59.4#

268 64.6 42.4 63.6#

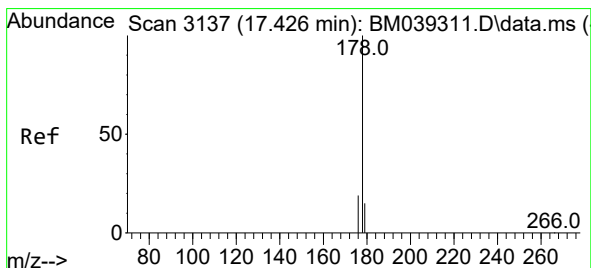
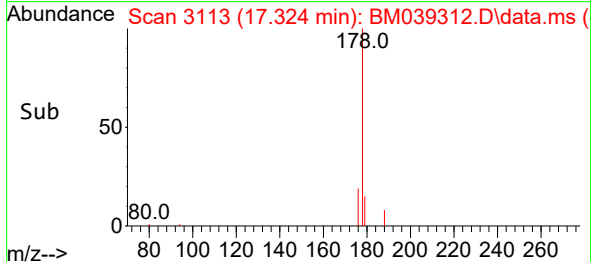
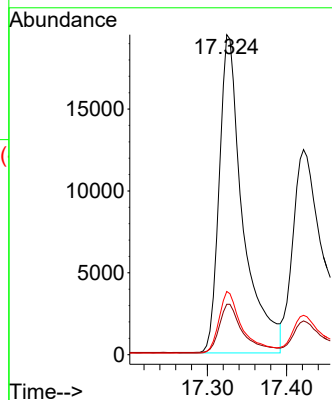
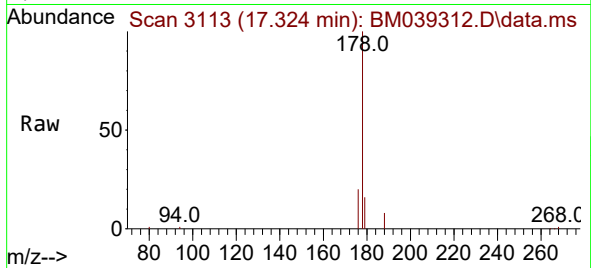




#15
Phenanthrene
Concen: 0.768 ng/ul
RT: 17.324 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

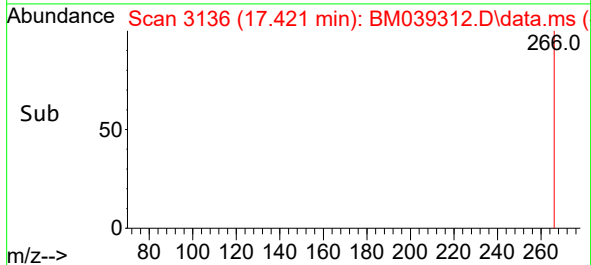
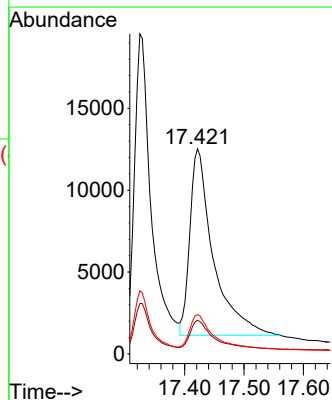
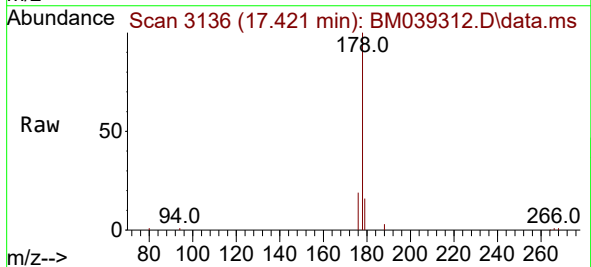
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SSTD0.8018

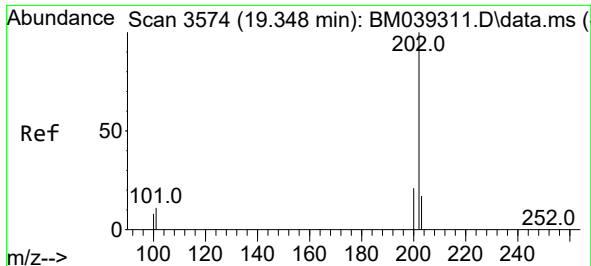
Tgt Ion:178 Resp: 40404
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.780 ng/ul
RT: 17.421 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:178 Resp: 31236
Ion Ratio Lower Upper
178 100
179 16.4 14.6 21.8
176 19.2 16.6 24.8

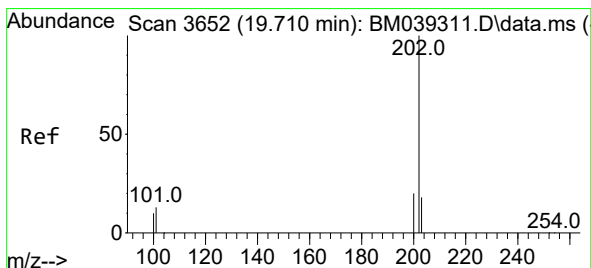
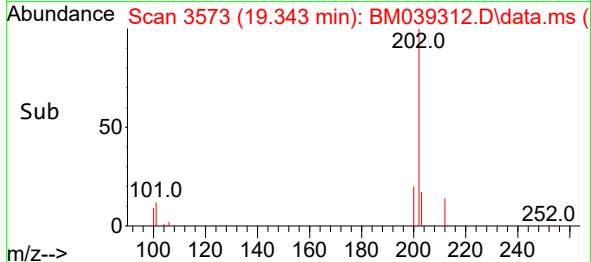
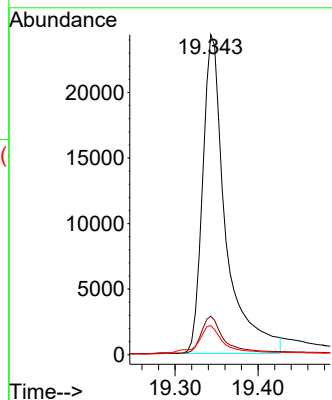
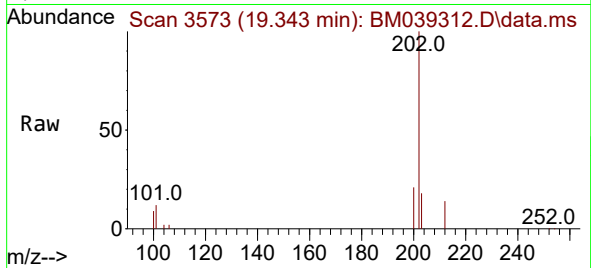




#19
Fluoranthene
Concen: 0.797 ng/ul
RT: 19.343 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

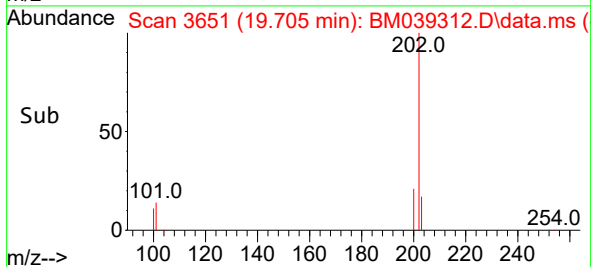
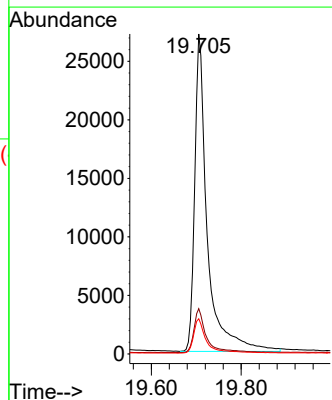
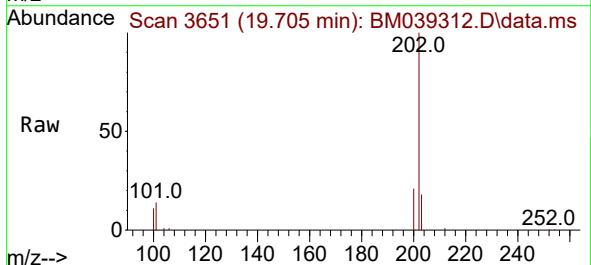
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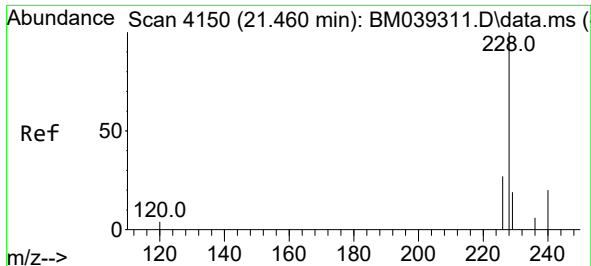
Tgt Ion:202 Resp: 47105
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.1 7.4 11.0



#20
Pyrene
Concen: 0.780 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. -0.005 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:202 Resp: 52821
Ion Ratio Lower Upper
202 100
101 14.1 11.1 16.7
100 11.0 8.8 13.2

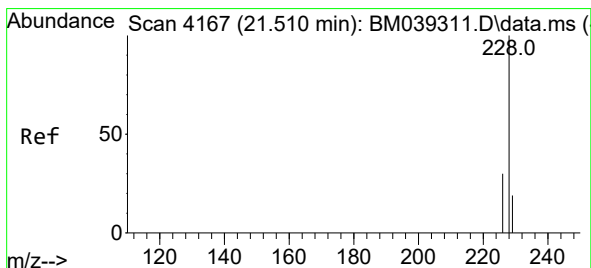
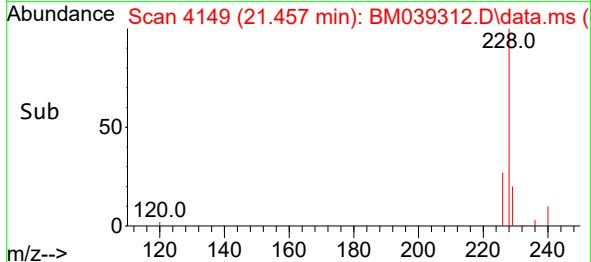
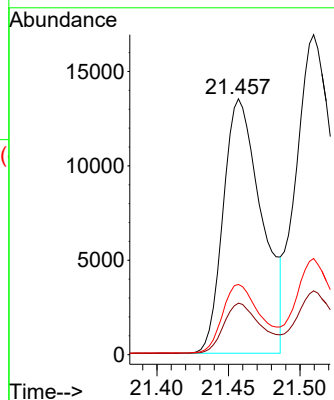
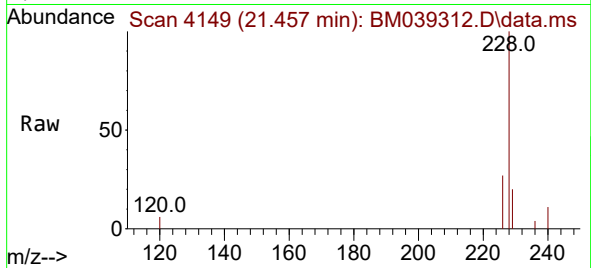




#21
Benzo(a)anthracene
Concen: 0.763 ng/ul
RT: 21.457 min Scan# 4150
Delta R.T. -0.003 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

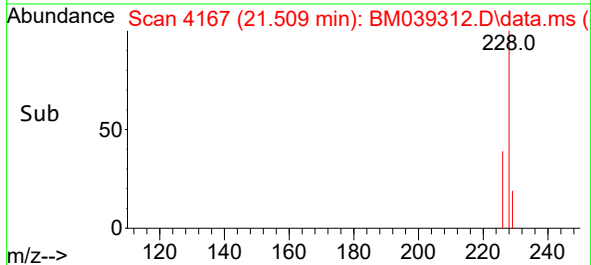
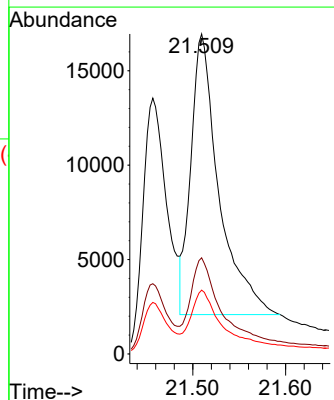
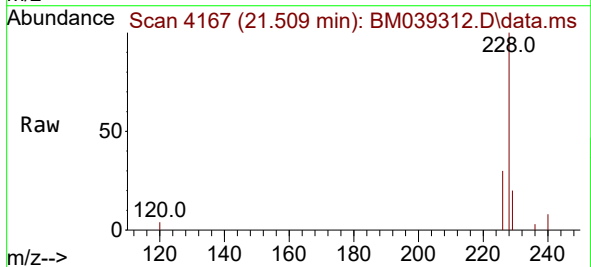
Instrument :
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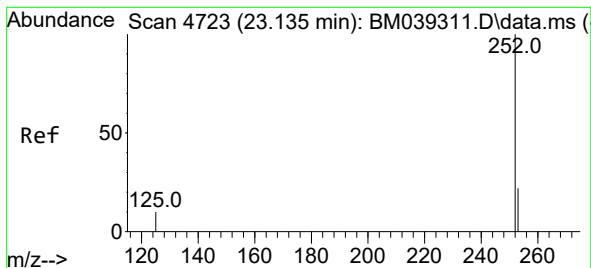
Tgt Ion:228 Resp: 25271
Ion Ratio Lower Upper
228 100
229 20.1 16.6 24.8
226 27.4 22.6 34.0



#22
Chrysene
Concen: 0.773 ng/ul
RT: 21.509 min Scan# 4167
Delta R.T. -0.000 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:228 Resp: 31216
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.9 16.2 24.4





#24

Benzo(b)fluoranthene

Concen: 0.808 ng/ul

RT: 23.135 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM039312.D

Acq: 06 Apr 2023 10:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.8018

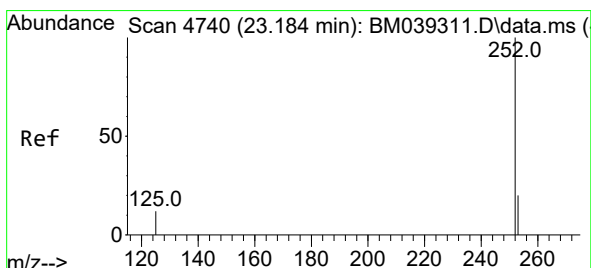
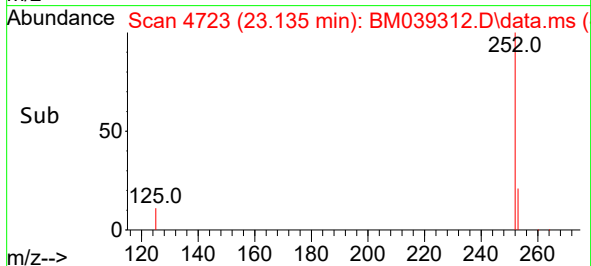
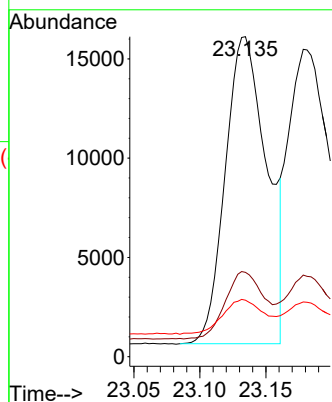
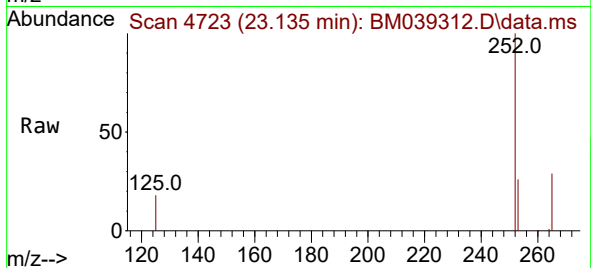
Tgt Ion:252 Resp: 33888

Ion Ratio Lower Upper

252 100

253 26.3 0.0 64.4

125 17.6 0.0 50.4



#25

Benzo(k)fluoranthene

Concen: 0.767 ng/ul

RT: 23.178 min Scan# 4738

Delta R.T. -0.006 min

Lab File: BM039312.D

Acq: 06 Apr 2023 10:59

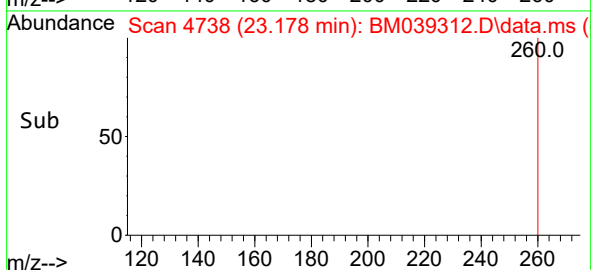
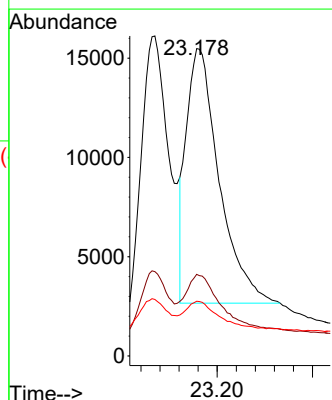
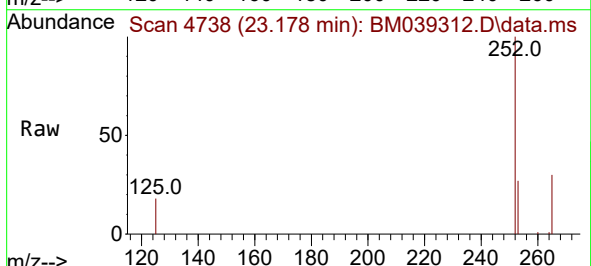
Tgt Ion:252 Resp: 30677

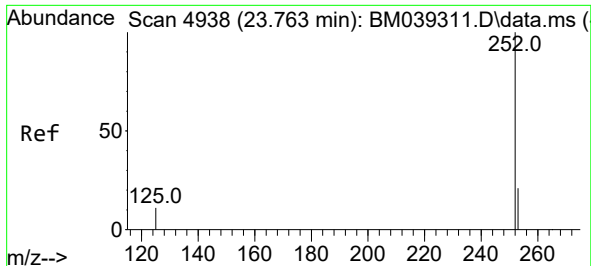
Ion Ratio Lower Upper

252 100

253 26.5 25.5 38.3

125 17.8 20.4 30.6#

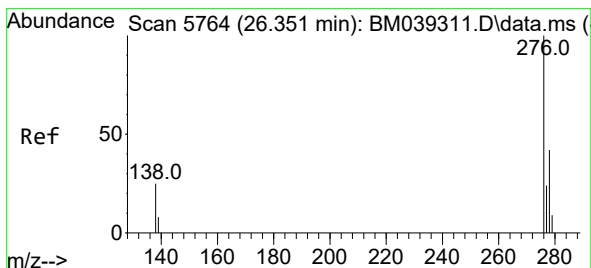
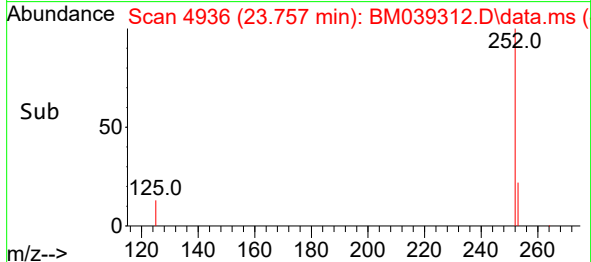
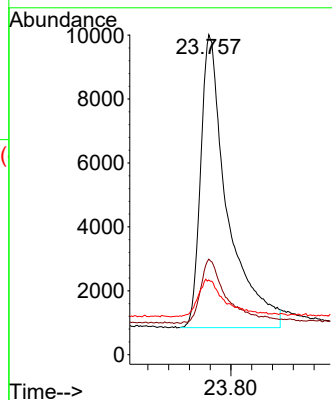
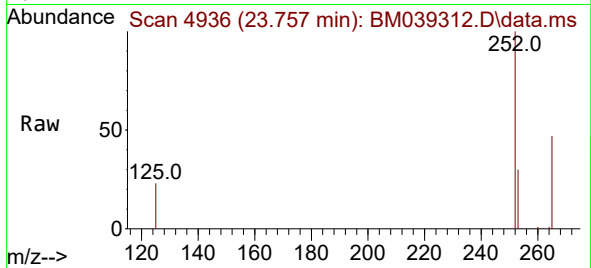




#26
Benzo(a)pyrene
Concen: 0.770 ng/ul
RT: 23.757 min Scan# 4938
Delta R.T. -0.006 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

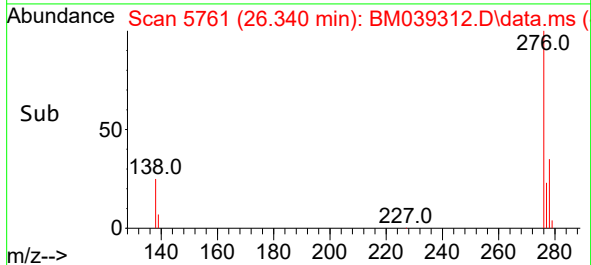
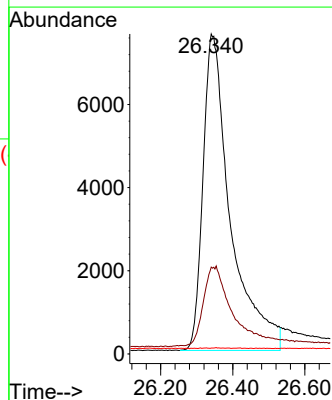
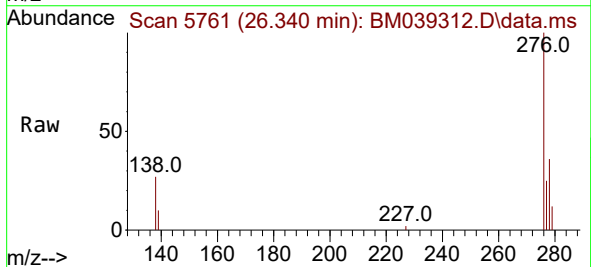
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

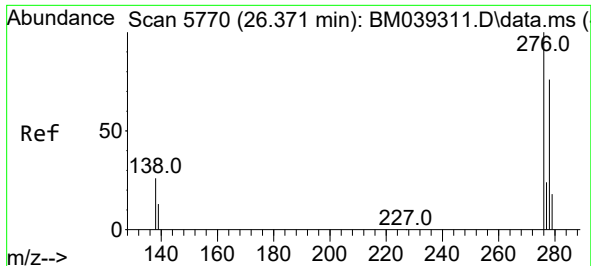
Tgt Ion:252 Resp: 32558
Ion Ratio Lower Upper
252 100
253 29.9 31.0 46.4#
125 23.3 28.2 42.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.757 ng/ul
RT: 26.340 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:276 Resp: 40301
Ion Ratio Lower Upper
276 100
138 26.3 21.4 32.0
227 0.1 0.1 0.1

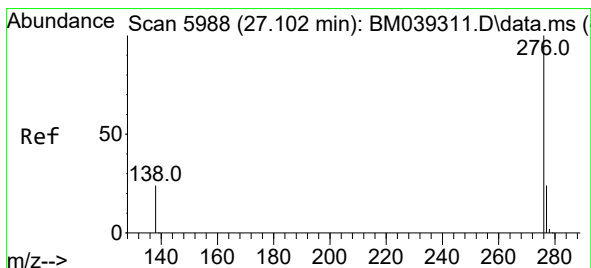
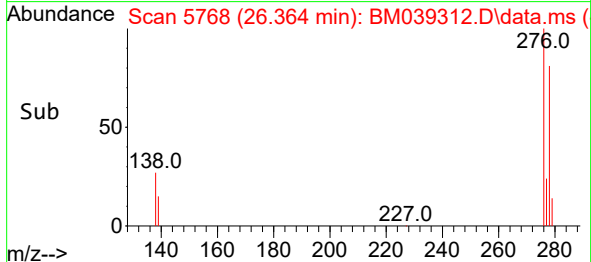
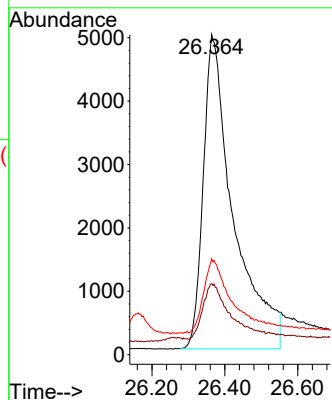
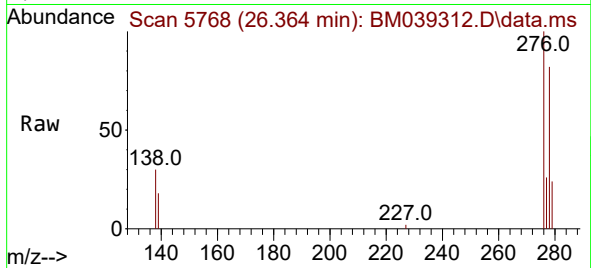




#28
Dibenzo(a,h)anthracene
Concen: 0.762 ng/ul
RT: 26.364 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:278 Resp: 28395
Ion Ratio Lower Upper
278 100
139 22.2 21.8 32.6
279 29.9 30.0 45.0#



#29
Benzo(g,h,i)perylene
Concen: 0.748 ng/ul
RT: 27.098 min Scan# 5987
Delta R.T. -0.004 min
Lab File: BM039312.D
Acq: 06 Apr 2023 10:59

Tgt Ion:276 Resp: 38207
Ion Ratio Lower Upper
276 100
138 25.8 22.2 33.2
277 24.8 21.2 31.8

