

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037090.D
 Acq On : 15 Oct 2022 13:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4150

Quant Time: Oct 17 00:55:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

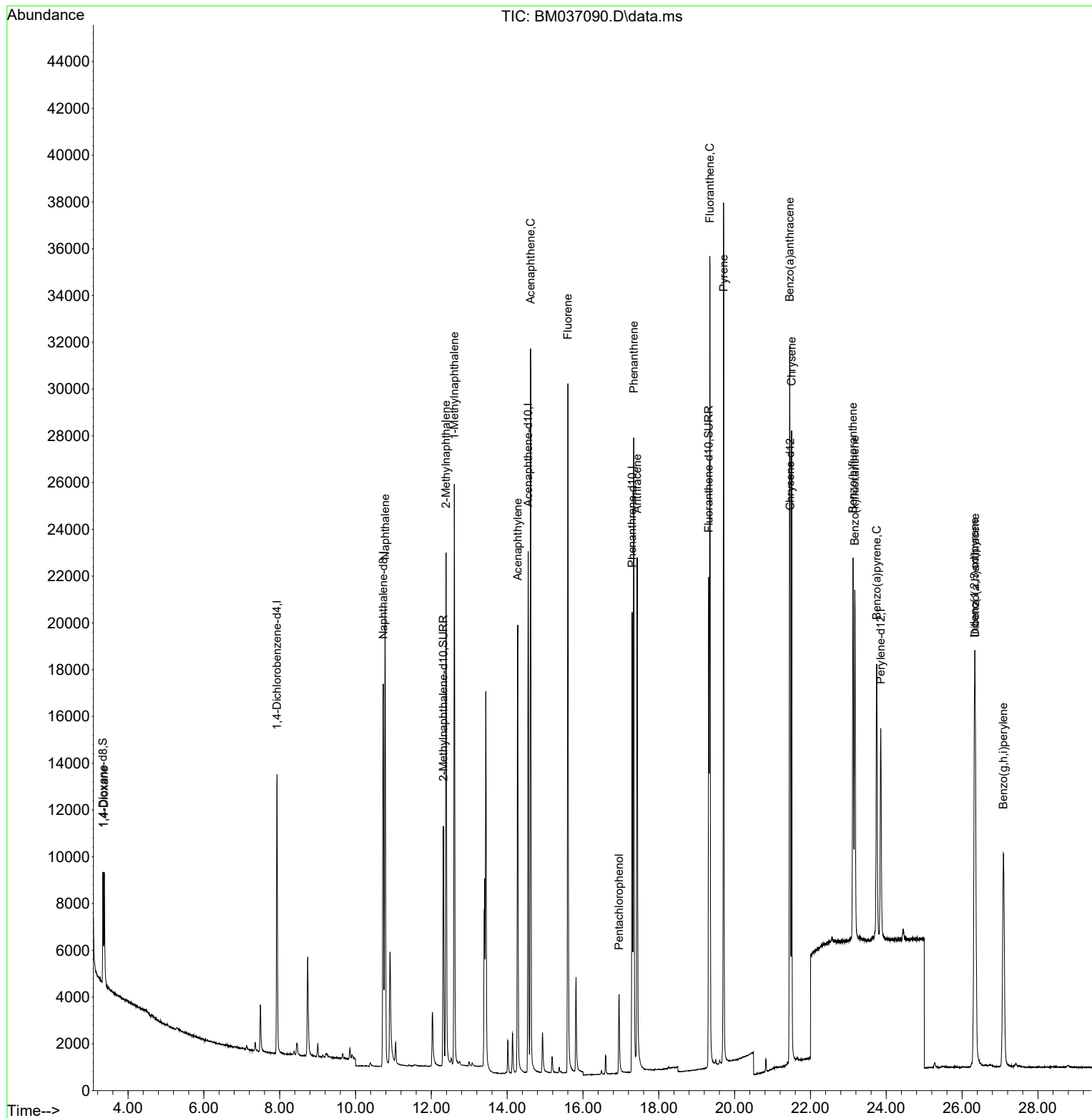
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6348	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23029	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	12358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	23412	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	14902	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	12396	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3309	0.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	14152	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	22619	0.507	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	3265	0.373	ng/ul	90
5) Naphthalene	10.781	128	26898	0.409	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	16653	0.414	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	17014	0.416	ng/ul	100
10) Acenaphthylene	14.280	152	23354	0.455	ng/ul	99
11) Acenaphthene	14.617	153	18168	0.408	ng/ul	100
12) Fluorene	15.603	166	19686	0.390	ng/ul	99
14) Pentachlorophenol	16.951	266	2765	0.488	ng/ul	98
15) Phenanthrene	17.339	178	30209	0.404	ng/ul	99
16) Anthracene	17.428	178	26505	0.424	ng/ul	99
19) Fluoranthene	19.350	202	30161	0.509	ng/ul	98
20) Pyrene	19.708	202	30365	0.491	ng/ul	99
21) Benzo(a)anthracene	21.452	228	23059	0.428	ng/ul	99
22) Chrysene	21.505	228	22975	0.397	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	21204	0.383	ng/ul	95
25) Benzo(k)fluoranthene	23.171	252	20803	0.386	ng/ul	93
26) Benzo(a)pyrene	23.750	252	18278	0.407	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.329	276	24150	0.379	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.345	278	18897	0.367	ng/ul#	90
29) Benzo(g,h,i)perylene	27.090	276	20443	0.365	ng/ul	99

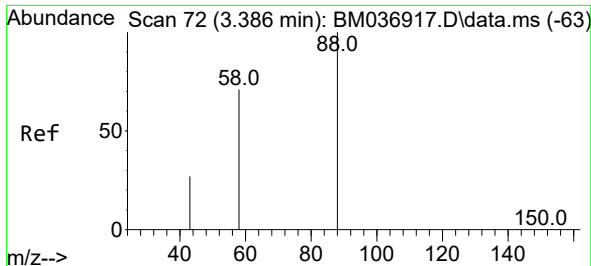
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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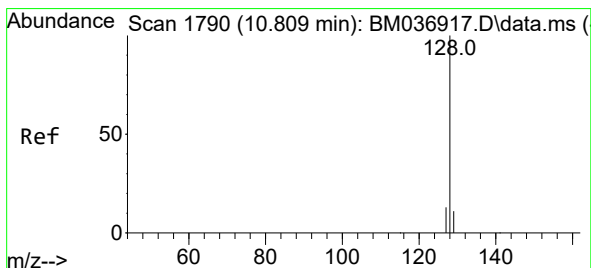
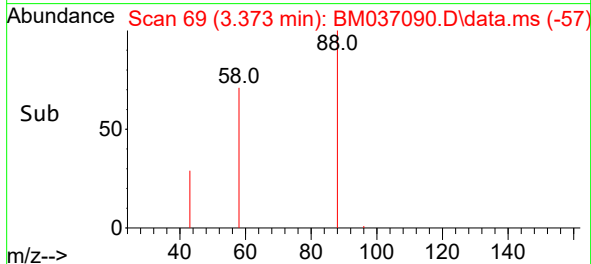
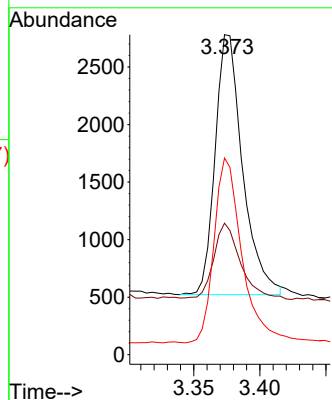
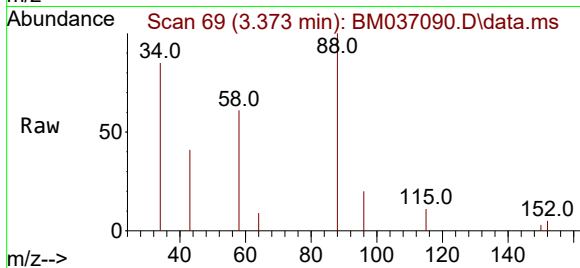




#2
 1,4-Dioxane
 Concen: 0.373 ng/ul
 RT: 3.373 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BM037090.D
 Acq: 15 Oct 2022 13:24

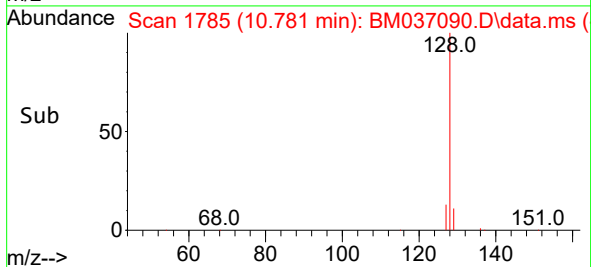
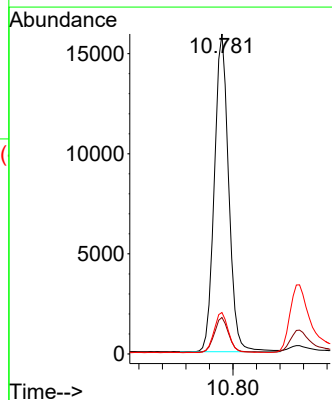
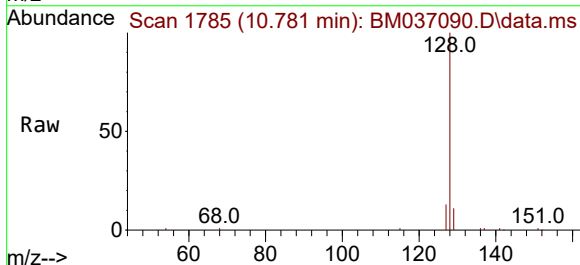
Instrument :
 BNA_M
 ClientSampleId :
 SST00.4150

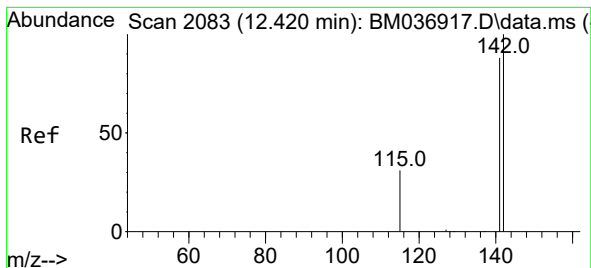
Tgt Ion: 88 Resp: 3265
 Ion Ratio Lower Upper
 88 100
 43 41.1 37.8 56.6
 58 61.5 42.6 63.8



#5
 Naphthalene
 Concen: 0.409 ng/ul
 RT: 10.781 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: BM037090.D
 Acq: 15 Oct 2022 13:24

Tgt Ion: 128 Resp: 26898
 Ion Ratio Lower Upper
 128 100
 129 11.4 10.2 15.2
 127 12.9 11.7 17.5

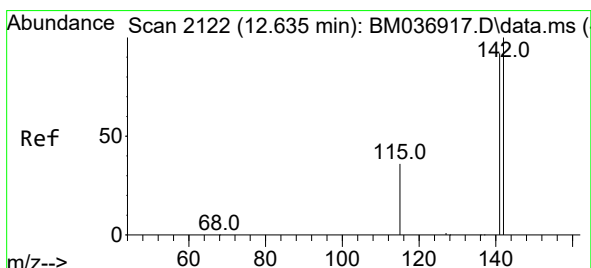
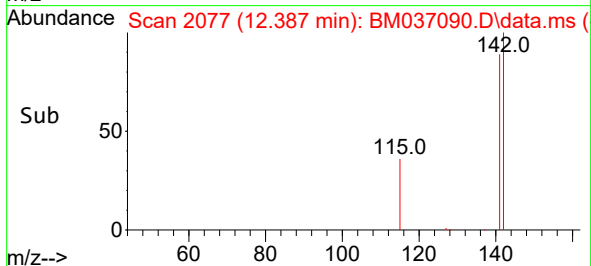
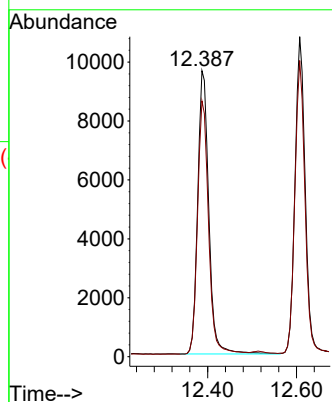
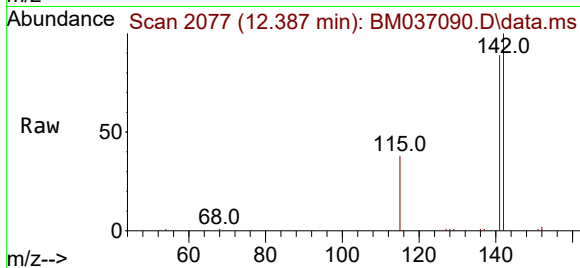




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.387 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

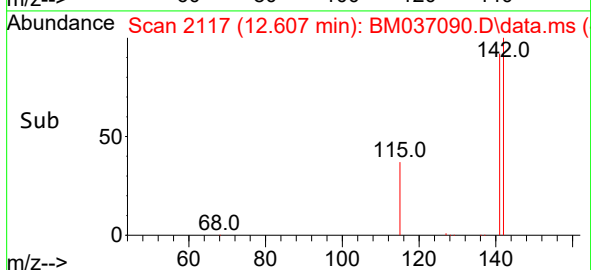
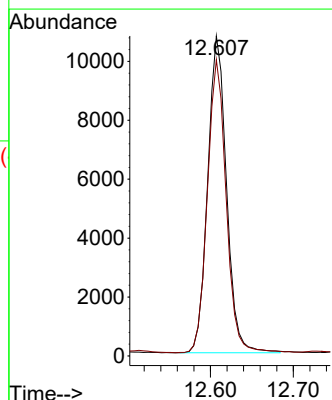
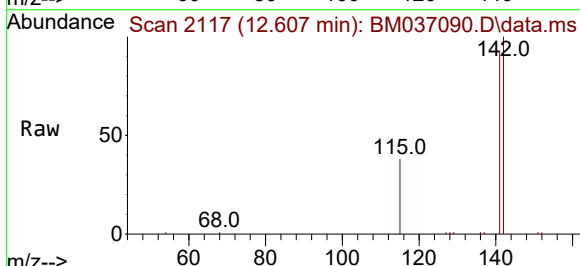
Instrument :
BNA_M
ClientSampleId :
SSTD0.4150

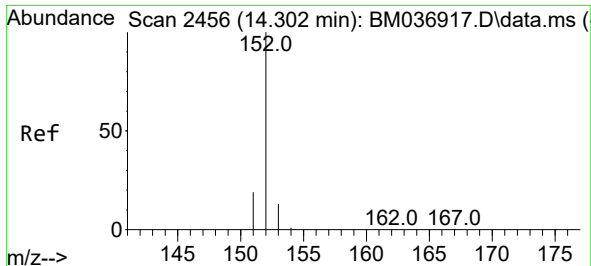
Tgt Ion:142 Resp: 16653
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:142 Resp: 17014
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

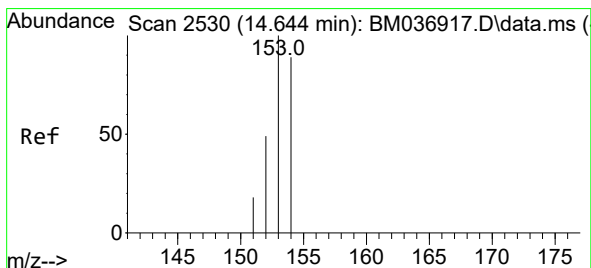
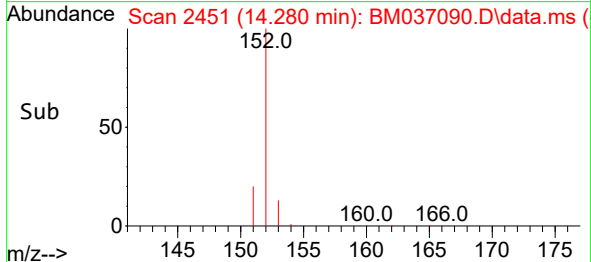
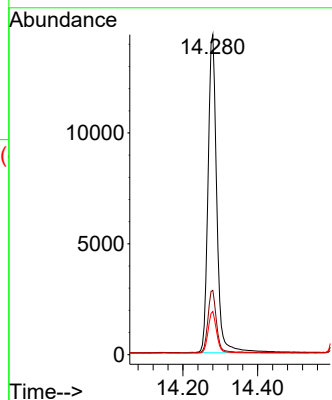
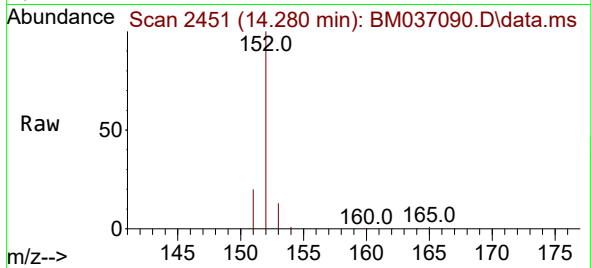




#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.280 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

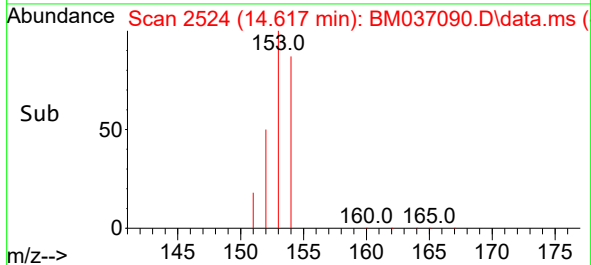
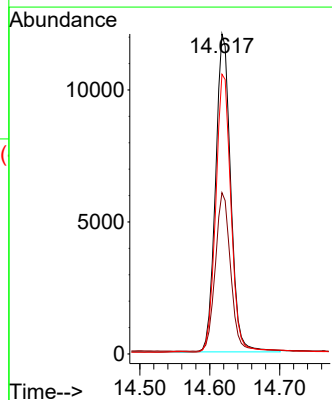
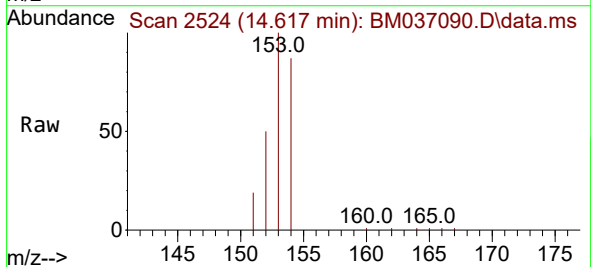
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ClientSampleId :
SSTD0.4150

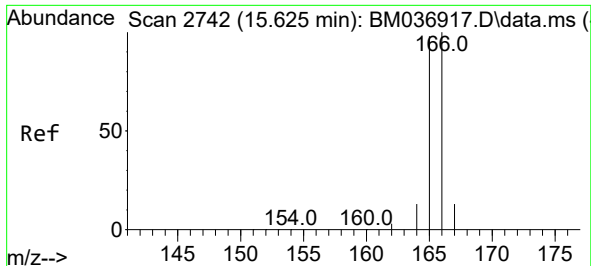
Tgt Ion:152 Resp: 23354
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:153 Resp: 18168
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 87.4 69.7 104.5

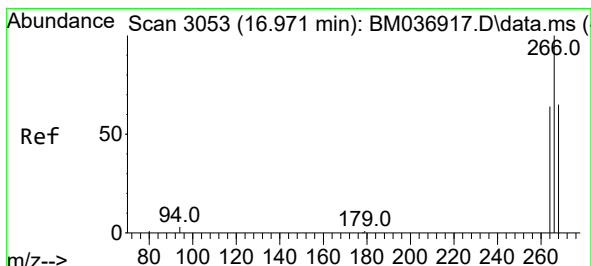
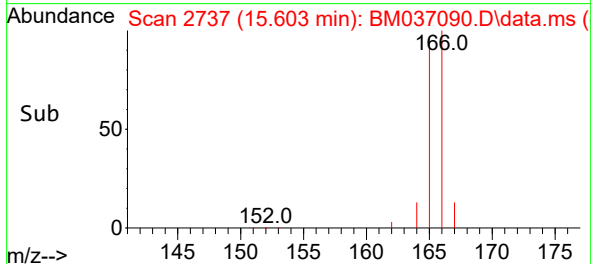
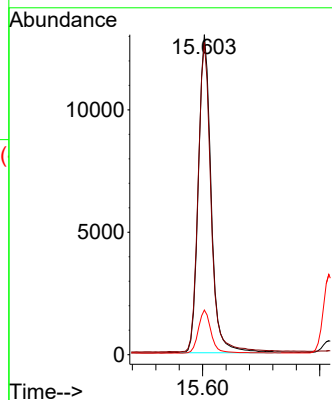
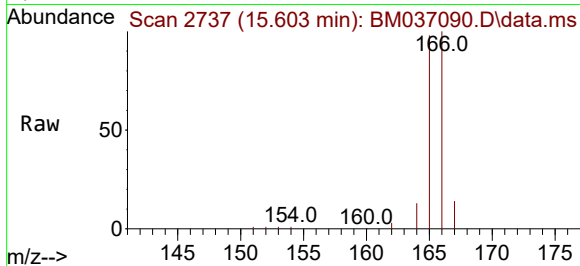




#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

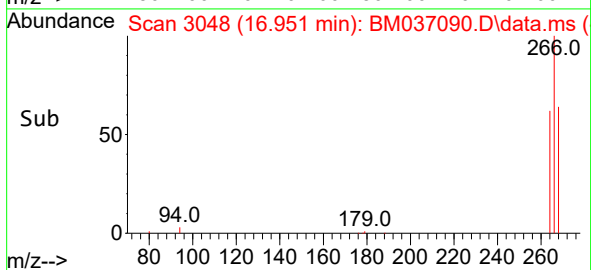
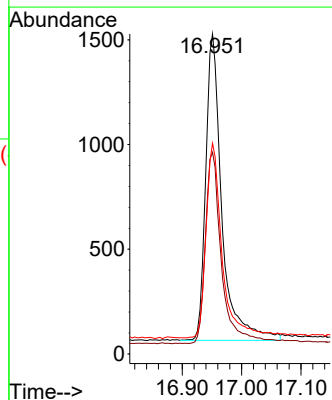
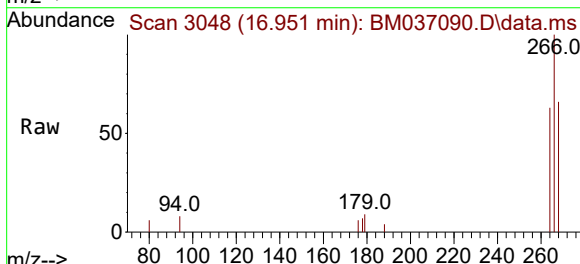
Instrument :
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ClientSampleId :
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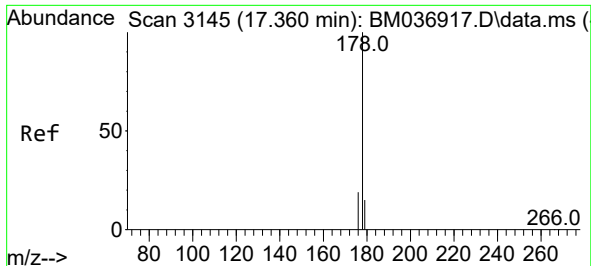
Tgt Ion:166 Resp: 19686
Ion Ratio Lower Upper
166 100
165 97.6 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.488 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:266 Resp: 2765
Ion Ratio Lower Upper
266 100
264 62.2 50.3 75.5
268 64.1 53.5 80.3

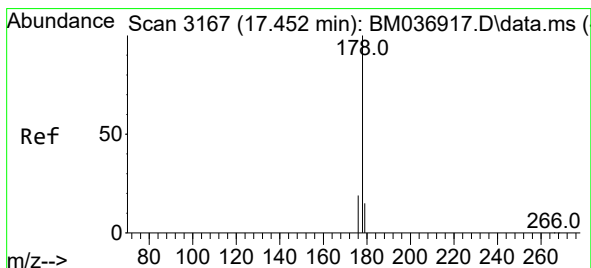
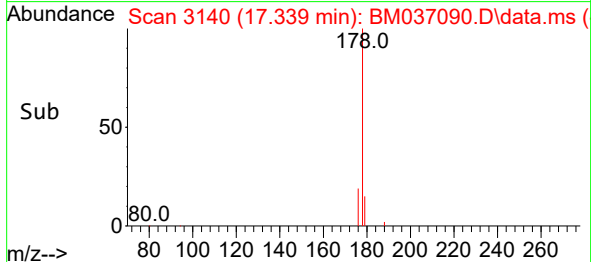
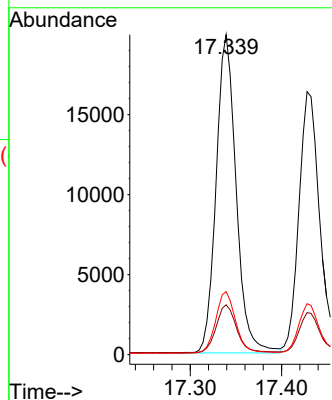
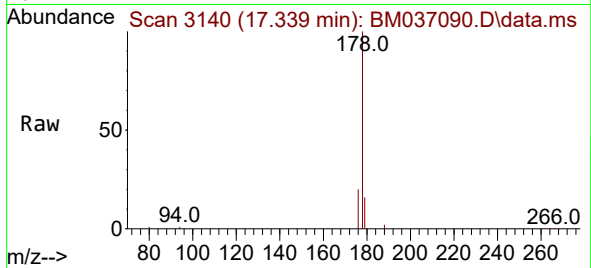




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

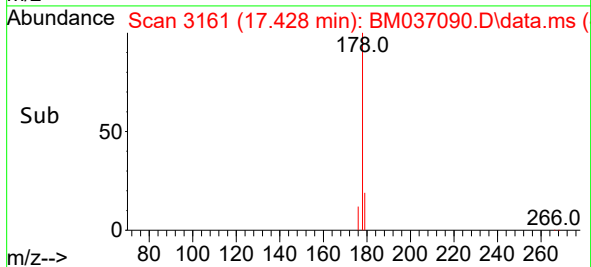
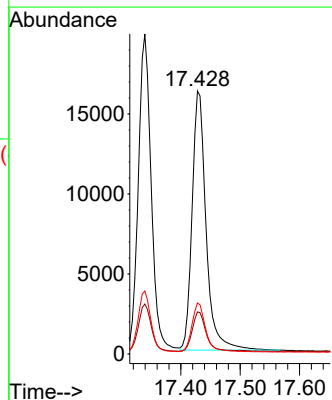
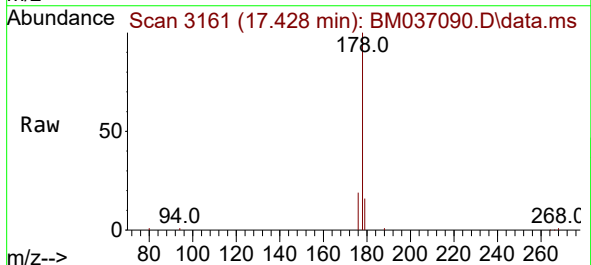
Instrument :
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ClientSampleId :
SSTD0.4150

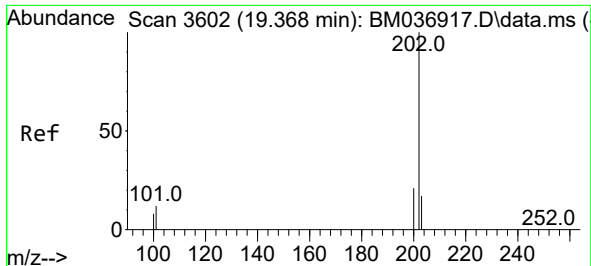
Tgt Ion:178 Resp: 30209
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:178 Resp: 26505
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 19.4 15.6 23.4

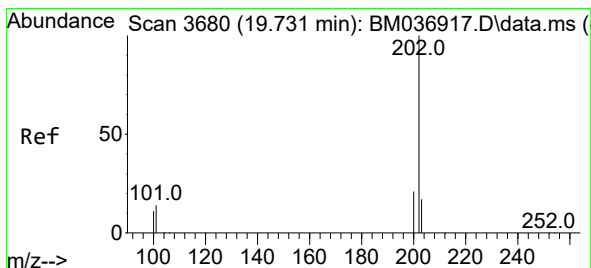
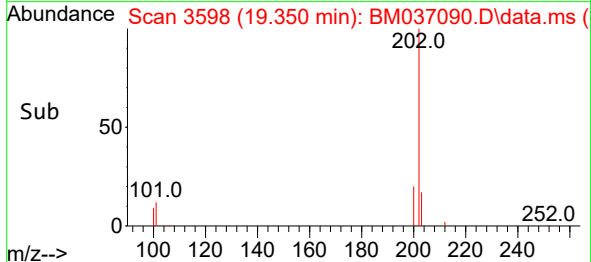
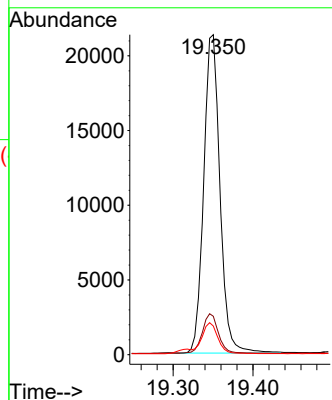
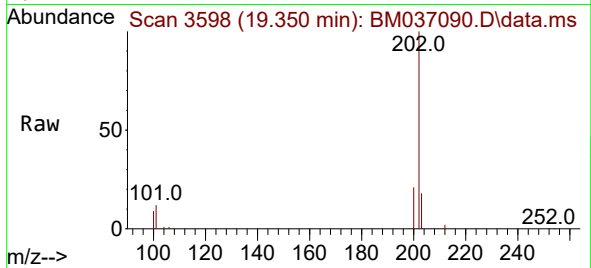




#19
Fluoranthene
Concen: 0.509 ng/ul
RT: 19.350 min Scan# 31
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

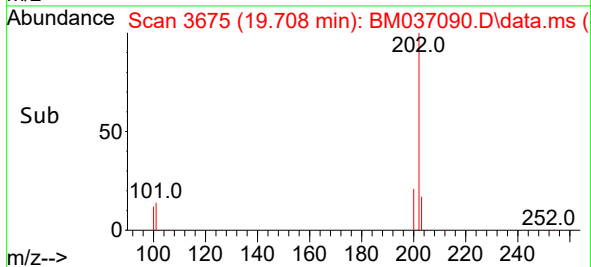
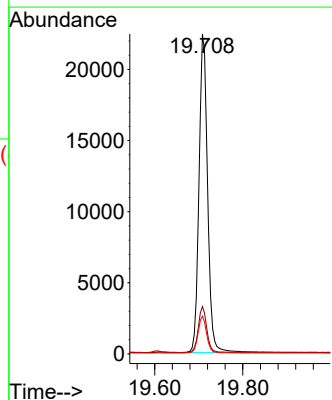
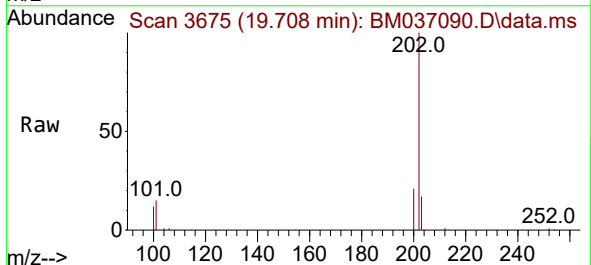
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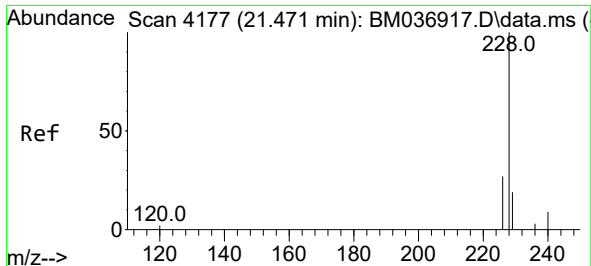
Tgt Ion:202 Resp: 30161
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.491 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:202 Resp: 30365
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.8 9.8 14.6

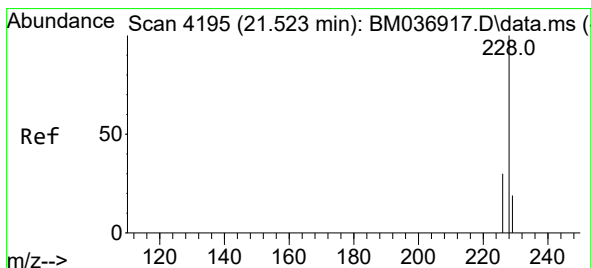
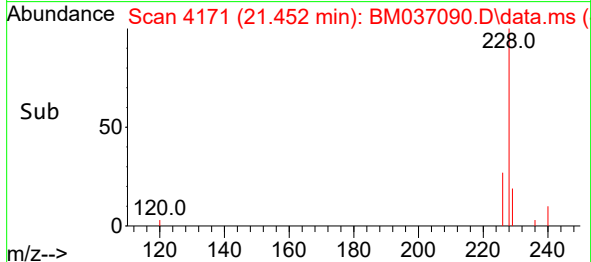
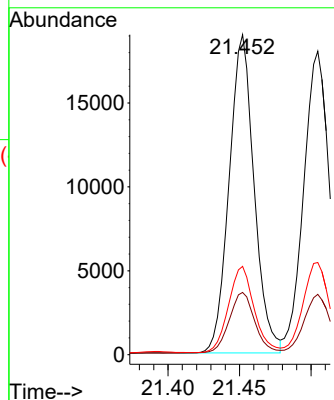
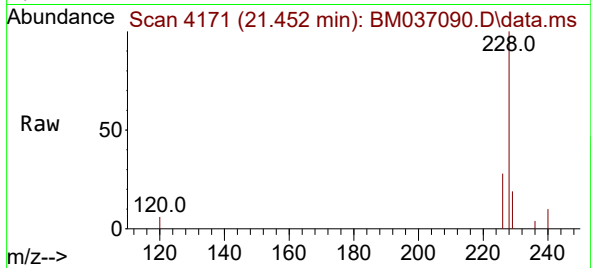




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

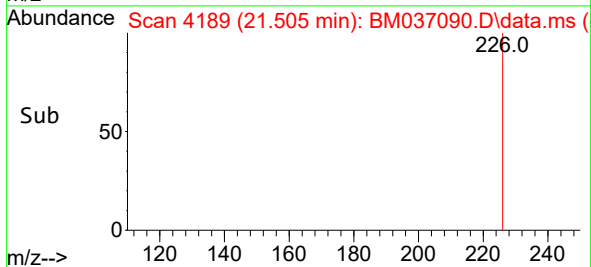
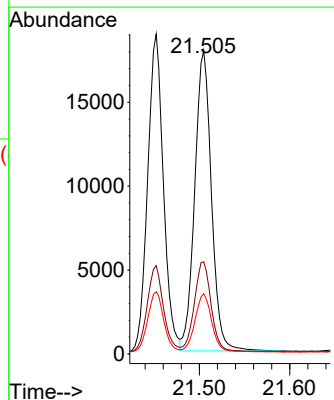
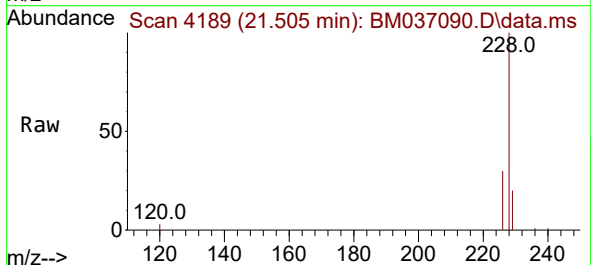
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ClientSampleId :
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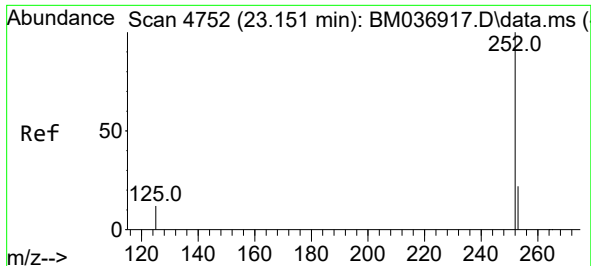
Tgt Ion:228 Resp: 23059
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. 0.002 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:228 Resp: 22975
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 16.4 24.6

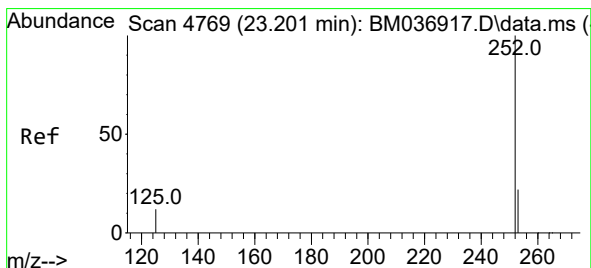
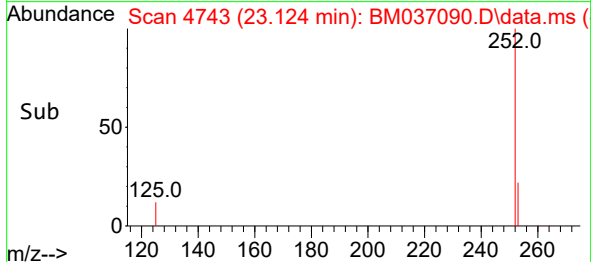
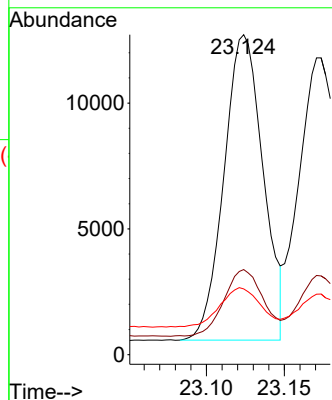
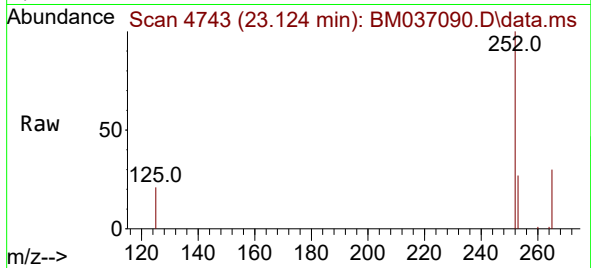




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.124 min Scan# 4752
Delta R.T. 0.002 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

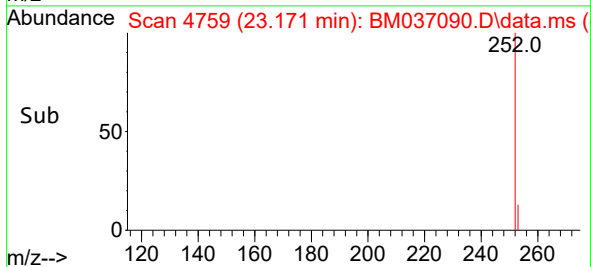
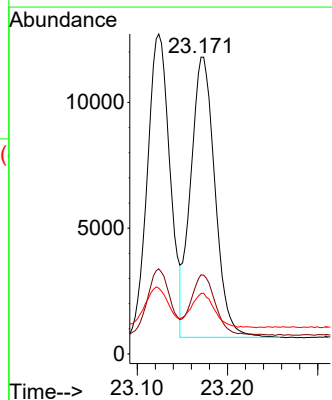
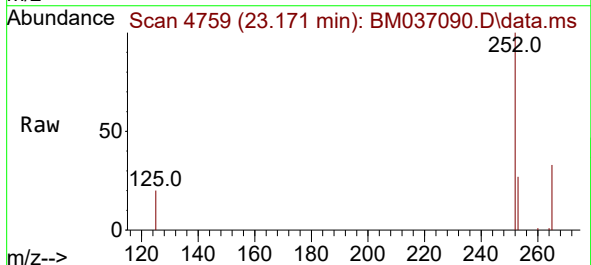
Instrument :
BNA_M
ClientSampleId :
SSTD0.4150

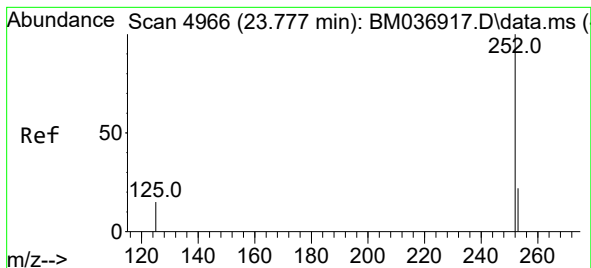
Tgt Ion:252 Resp: 21204
Ion Ratio Lower Upper
252 100
253 26.6 0.0 61.4
125 20.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.171 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:252 Resp: 20803
Ion Ratio Lower Upper
252 100
253 26.7 25.2 37.8
125 20.4 18.3 27.5





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.750 min Scan# 4966

Delta R.T. 0.005 min

Lab File: BM037090.D

Acq: 15 Oct 2022 13:24

Instrument :

BNA_M

ClientSampleId :

SSTD0.4150

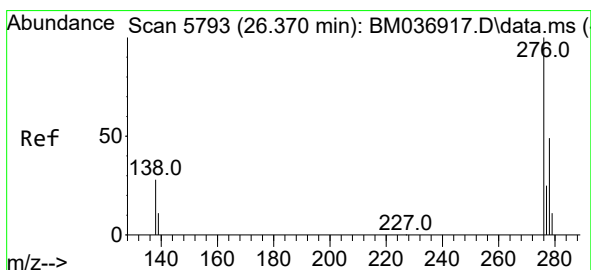
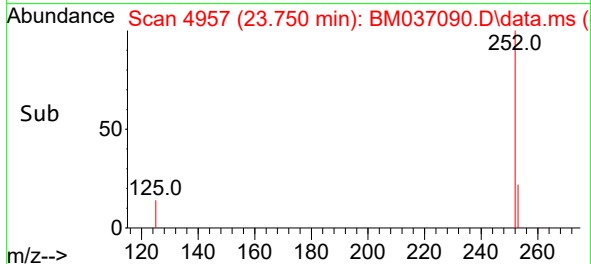
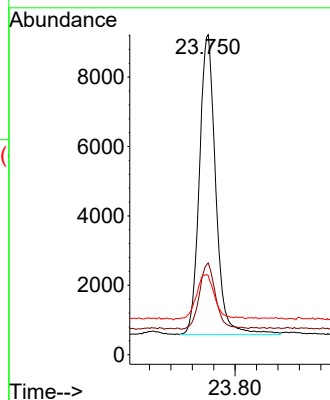
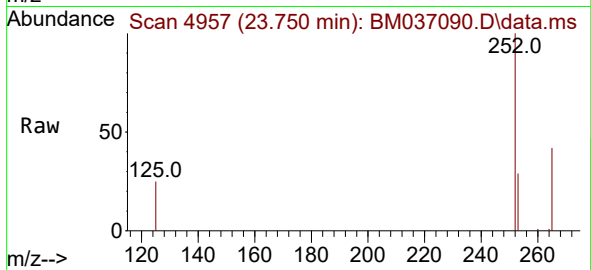
Tgt Ion:252 Resp: 18278

Ion Ratio Lower Upper

252 100

253 28.6 29.7 44.5#

125 24.8 23.6 35.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.379 ng/ul

RT: 26.329 min Scan# 5781

Delta R.T. 0.002 min

Lab File: BM037090.D

Acq: 15 Oct 2022 13:24

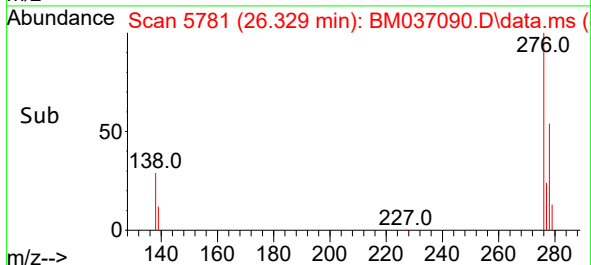
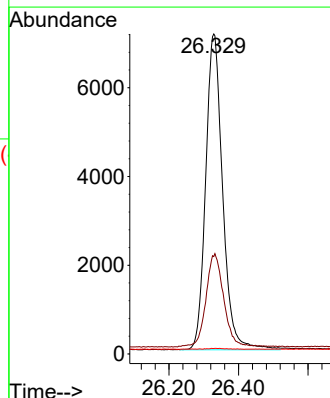
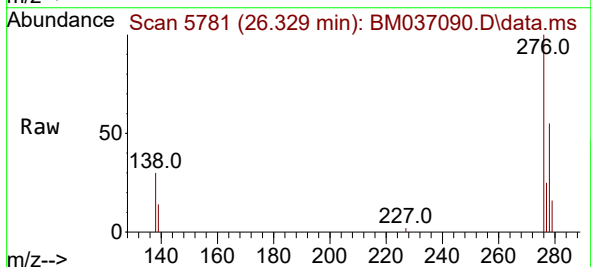
Tgt Ion:276 Resp: 24150

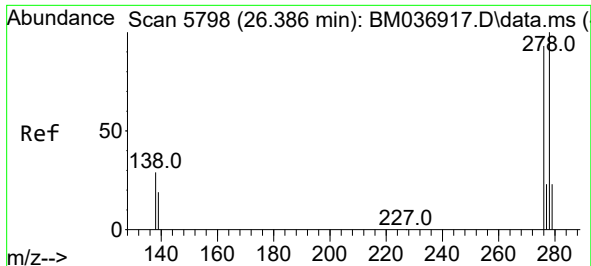
Ion Ratio Lower Upper

276 100

138 31.4 23.9 35.9

227 0.1 0.1 0.1#

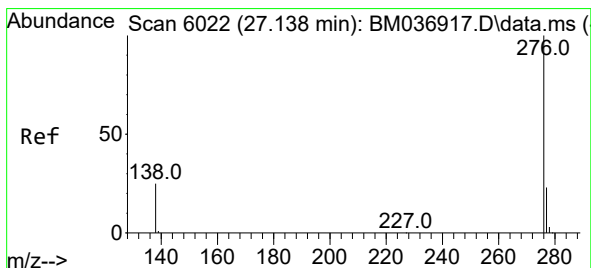
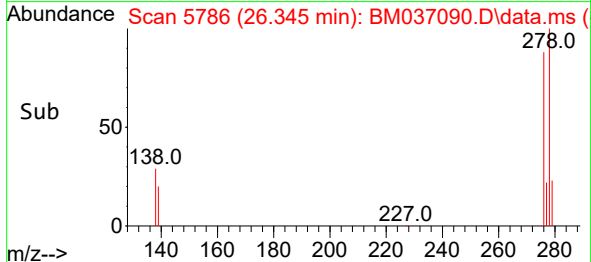
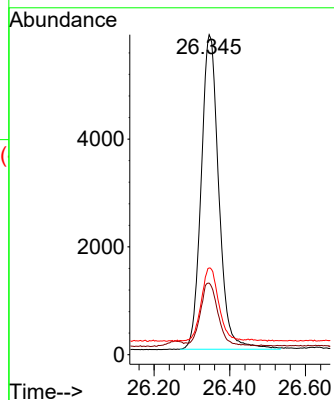
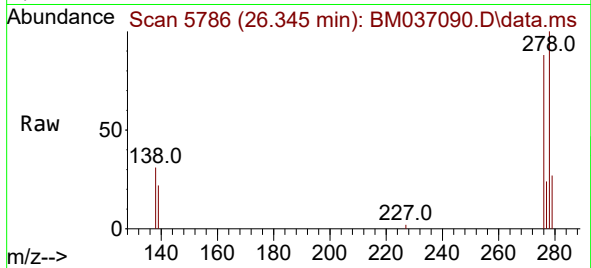




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.345 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4150

Tgt Ion:278 Resp: 18897
Ion Ratio Lower Upper
278 100
139 22.4 19.8 29.6
279 27.1 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 27.090 min Scan# 6008
Delta R.T. 0.002 min
Lab File: BM037090.D
Acq: 15 Oct 2022 13:24

Tgt Ion:276 Resp: 20443
Ion Ratio Lower Upper
276 100
138 28.8 23.4 35.0
277 25.1 21.0 31.4

