

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040350.D
 Acq On : 22 Jun 2023 15:59
 Operator : MA/JU
 Sample : SSTD3.293
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

Quant Time: Jun 23 00:38:41 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)

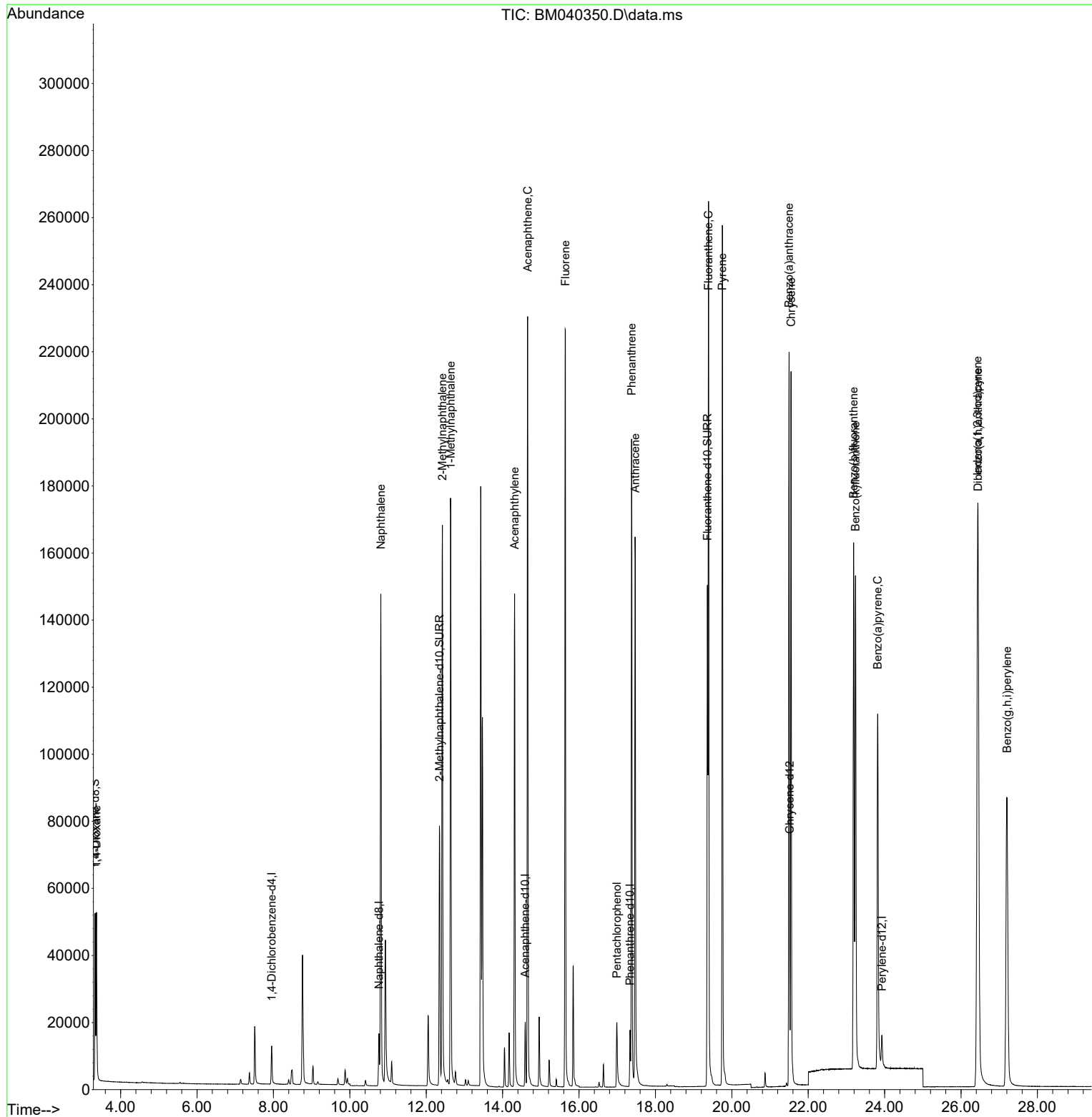
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6235	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	21499	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	10626	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	19894	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	14563	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	14169	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	30789	3.144	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	105491	3.500	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	161192	3.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	31711	3.181	ng/ul#	84
5) Naphthalene	10.811	128	201061	3.391	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	121829	3.498	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	121992	3.505	ng/ul	100
10) Acenaphthylene	14.313	152	168255	3.545	ng/ul	99
11) Acenaphthene	14.656	153	133123	3.321	ng/ul	98
12) Fluorene	15.641	166	146678	3.428	ng/ul	98
14) Pentachlorophenol	16.990	266	17157	4.479	ng/ul	93
15) Phenanthrene	17.379	178	210496	3.406	ng/ul	98
16) Anthracene	17.467	178	191064	3.679	ng/ul	99
19) Fluoranthene	19.389	202	214406	3.466	ng/ul	98
20) Pyrene	19.751	202	218141	3.289	ng/ul	99
21) Benzo(a)anthracene	21.497	228	186696	3.790	ng/ul	99
22) Chrysene	21.550	228	190583	3.392	ng/ul	99
24) Benzo(b)fluoranthene	23.189	252	202189	3.687	ng/ul	88
25) Benzo(k)fluoranthene	23.239	252	198517	3.674	ng/ul#	88
26) Benzo(a)pyrene	23.818	252	170510	3.452	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.434	276	234534	3.409	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.447	278	184880	3.433	ng/ul	94
29) Benzo(g,h,i)perylene	27.202	276	198349	3.290	ng/ul	96

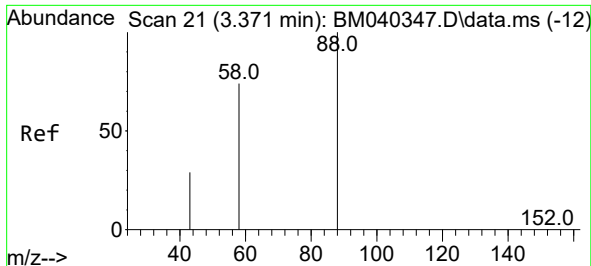
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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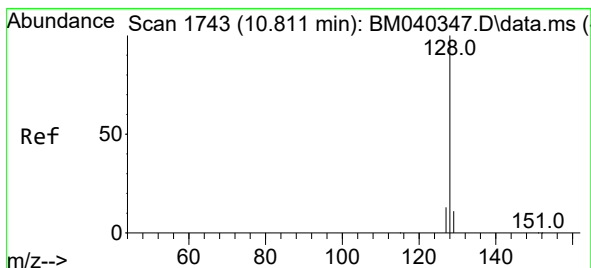
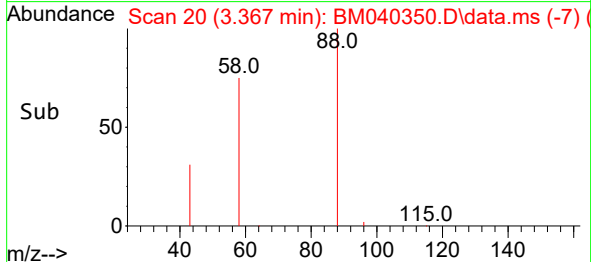
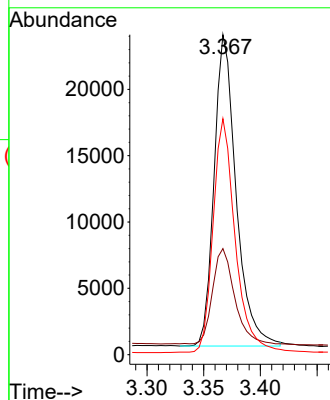
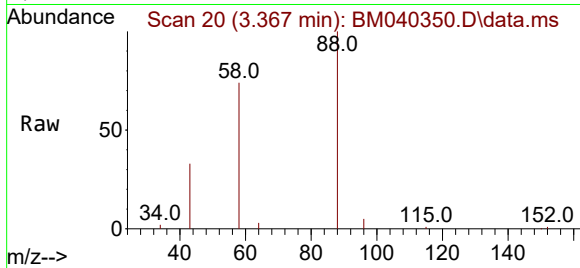




#2
1,4-Dioxane
Concen: 3.181 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

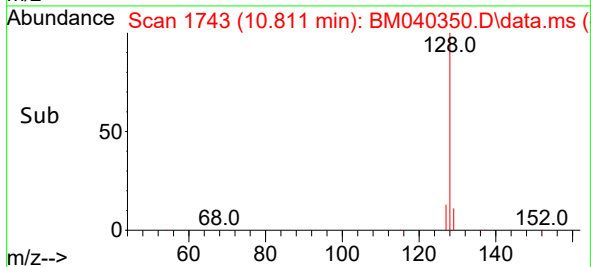
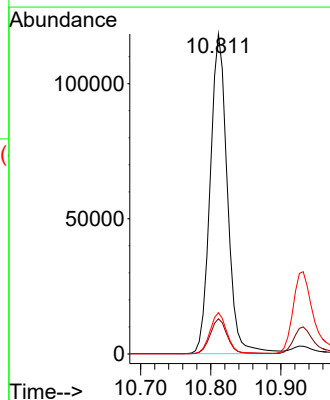
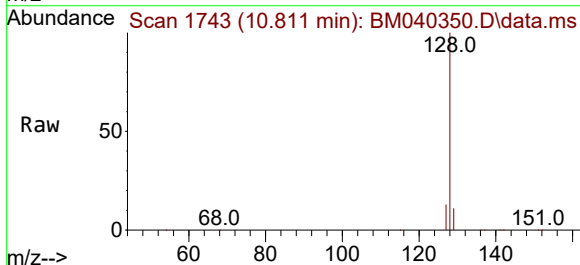
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

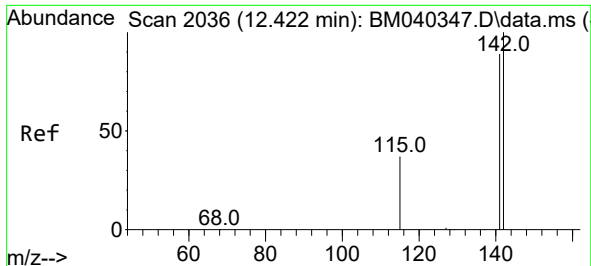
Tgt Ion: 88 Resp: 31711
Ion Ratio Lower Upper
88 100
43 33.1 36.1 54.1#
58 73.8 49.8 74.8



#5
Naphthalene
Concen: 3.391 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion: 128 Resp: 201061
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.6 15.8

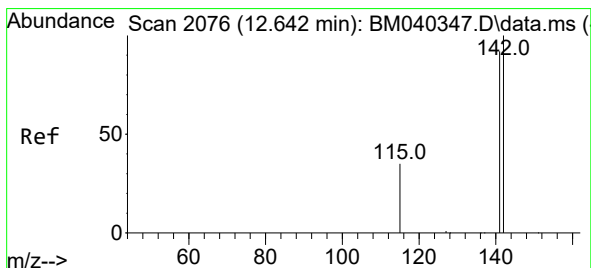
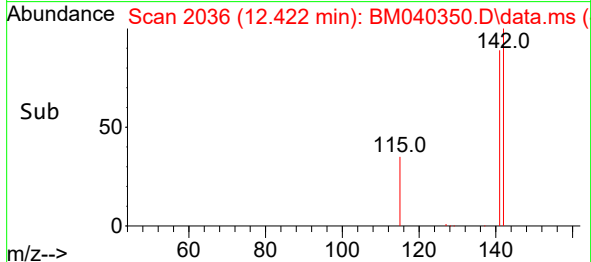
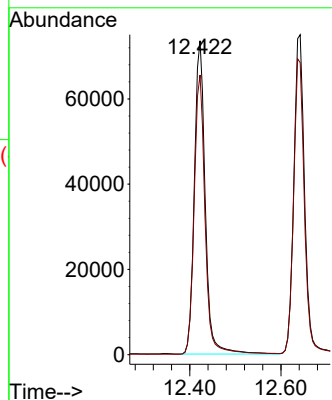
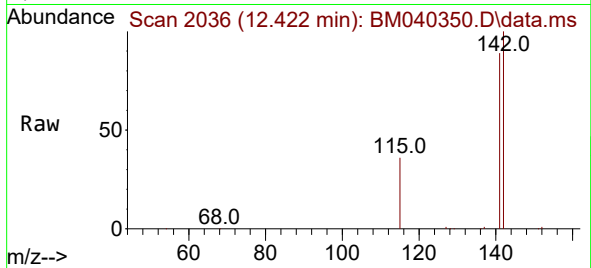




#7
2-Methylnaphthalene
Concen: 3.498 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

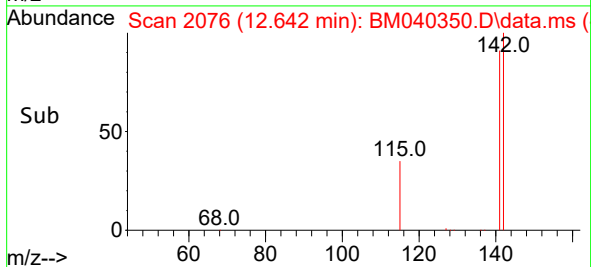
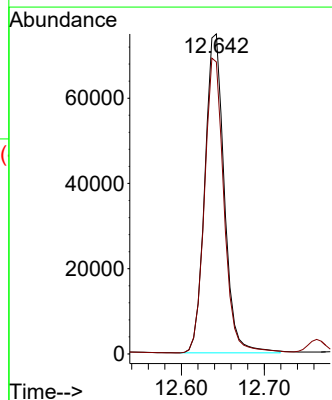
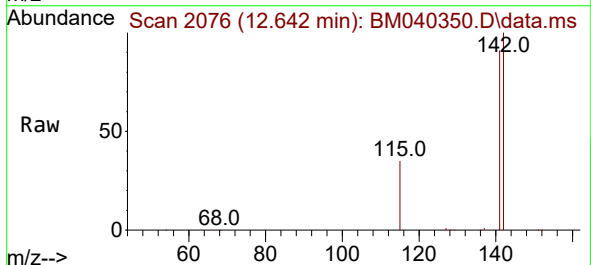
Instrument :
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ClientSampleId :
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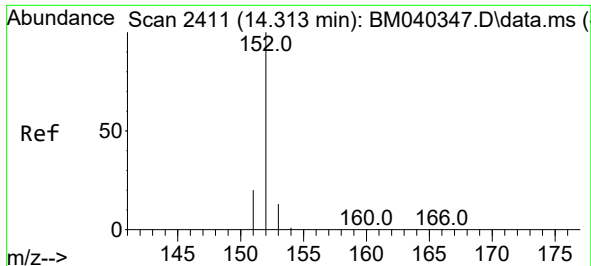
Tgt Ion:142 Resp: 121829
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 3.505 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:142 Resp: 121992
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

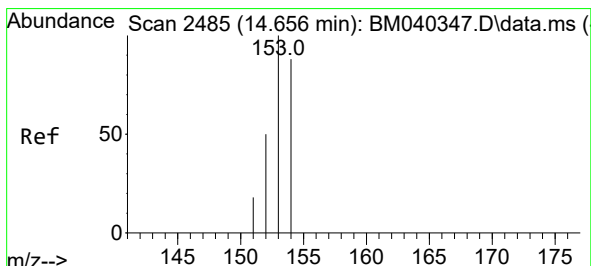
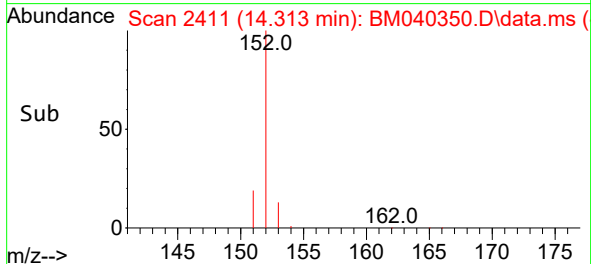
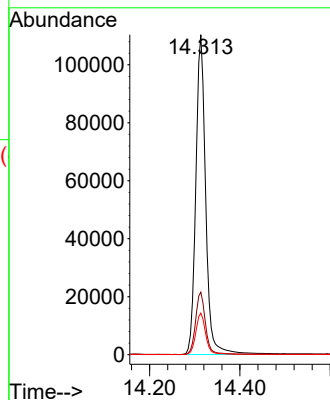
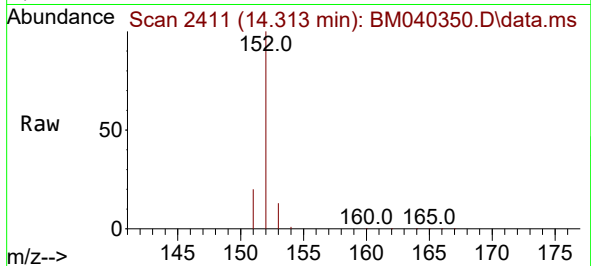




#10
Acenaphthylene
Concen: 3.545 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

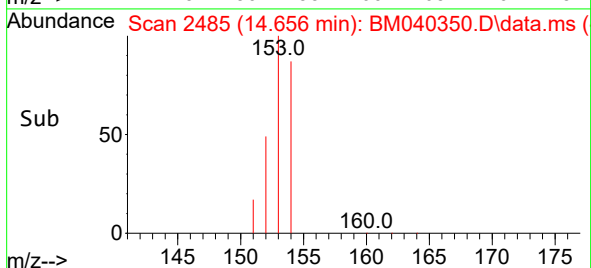
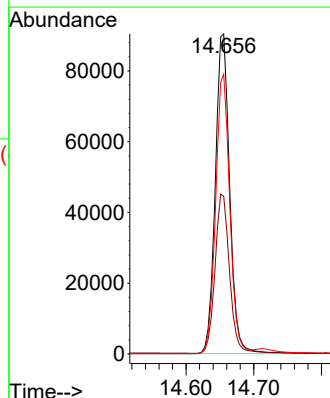
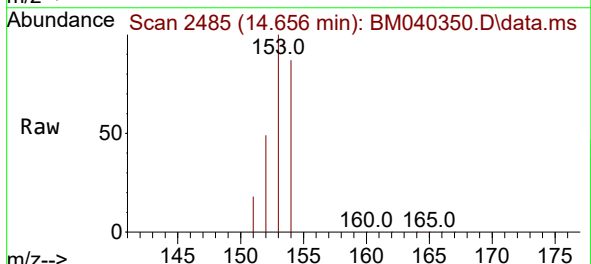
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BNA_M
ClientSampleId :
SSTD3.2027

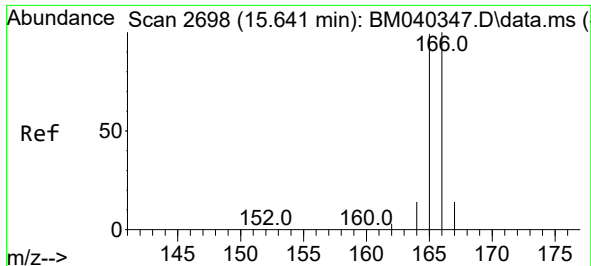
Tgt Ion:152 Resp: 168255
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.0 10.9 16.3



#11
Acenaphthene
Concen: 3.321 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:153 Resp: 133123
Ion Ratio Lower Upper
153 100
152 49.3 41.0 61.4
154 87.4 70.8 106.2

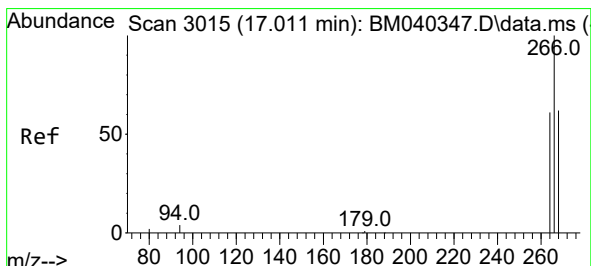
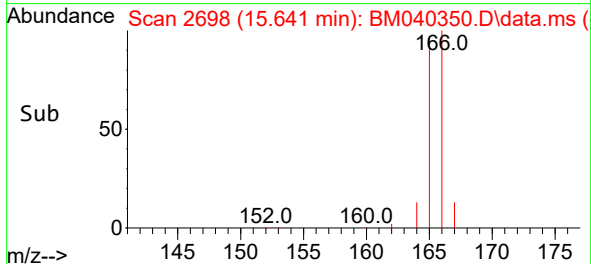
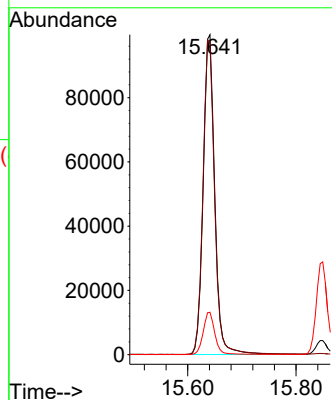
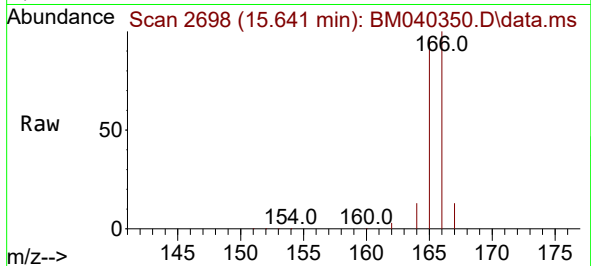




#12
Fluorene
Concen: 3.428 ng/ul
RT: 15.641 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

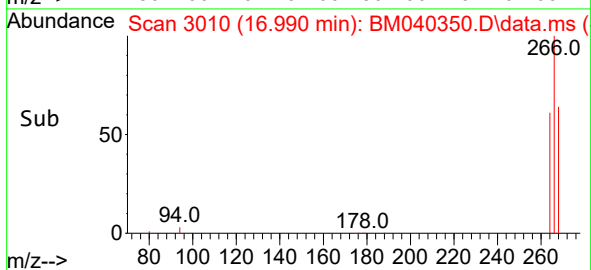
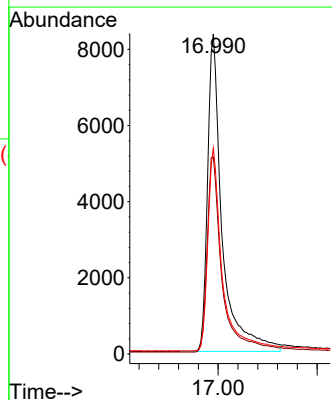
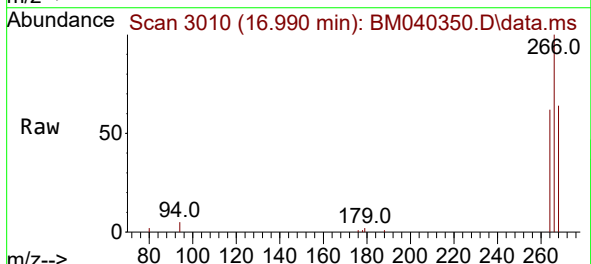
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

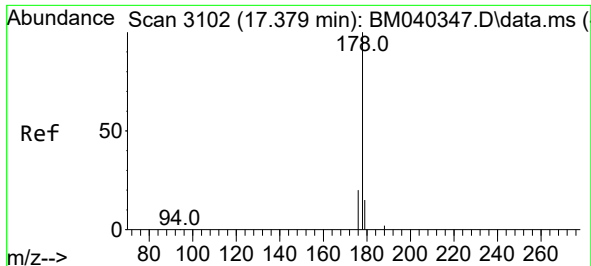
Tgt Ion:166 Resp: 146678
Ion Ratio Lower Upper
166 100
165 97.5 79.6 119.4
167 13.3 11.4 17.0



#14
Pentachlorophenol
Concen: 4.479 ng/ul
RT: 16.990 min Scan# 3010
Delta R.T. -0.021 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:266 Resp: 17157
Ion Ratio Lower Upper
266 100
264 62.8 45.4 68.0
268 63.7 47.2 70.8

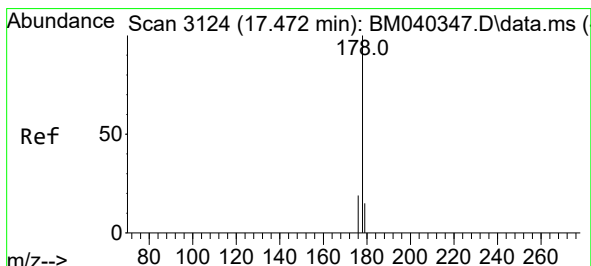
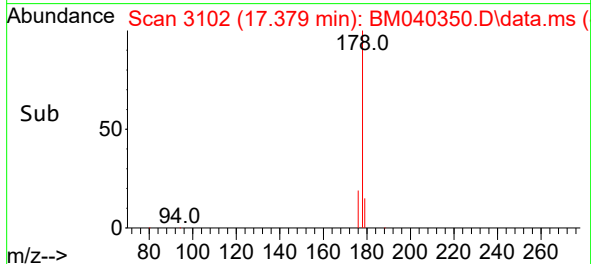
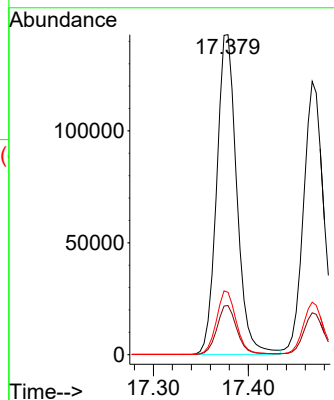
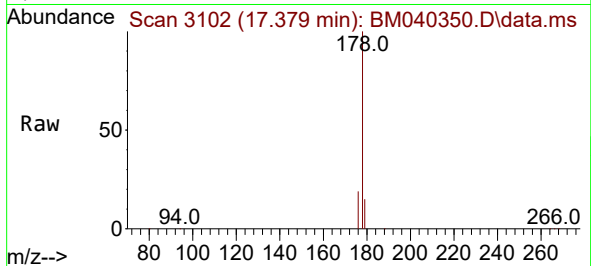




#15
Phenanthrene
Concen: 3.406 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

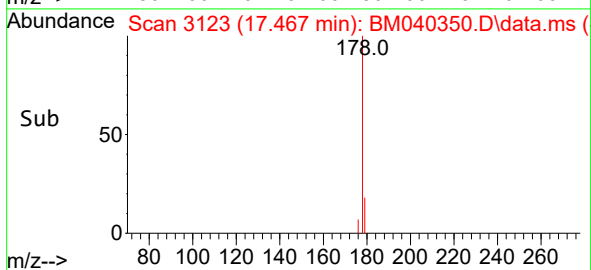
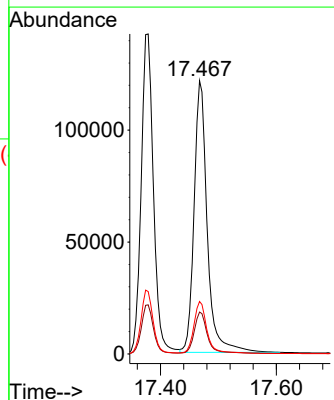
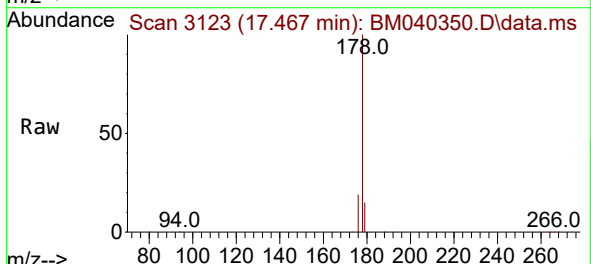
Instrument :
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ClientSampleId :
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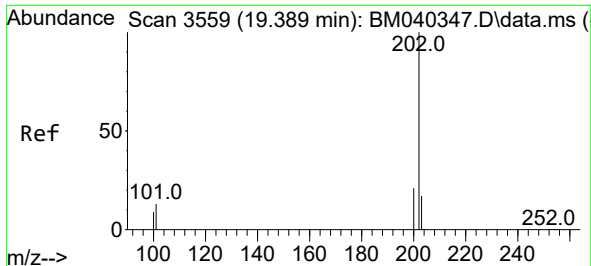
Tgt Ion:178 Resp: 210496
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.5 16.4 24.6



#16
Anthracene
Concen: 3.679 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:178 Resp: 191064
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.2 15.8 23.6

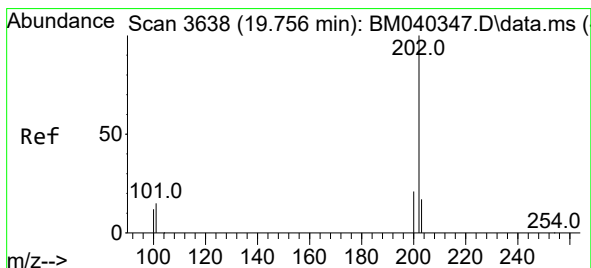
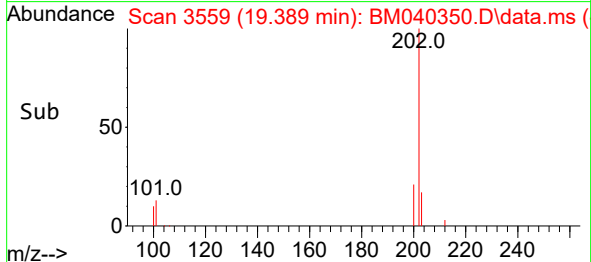
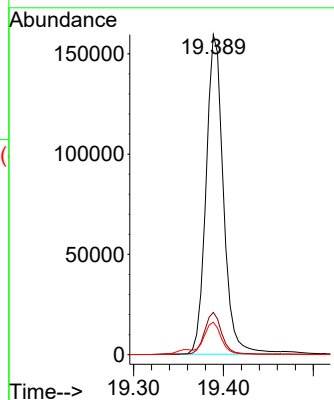
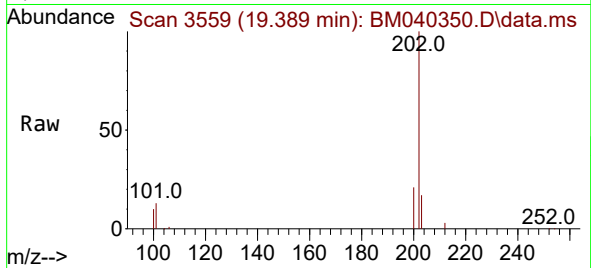




#19
Fluoranthene
Concen: 3.466 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

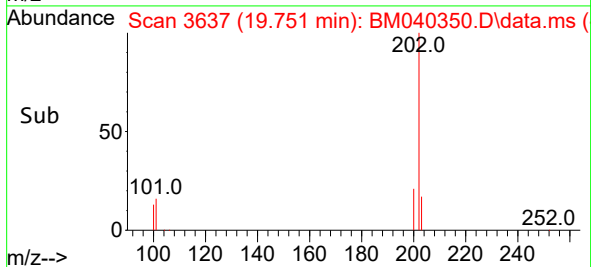
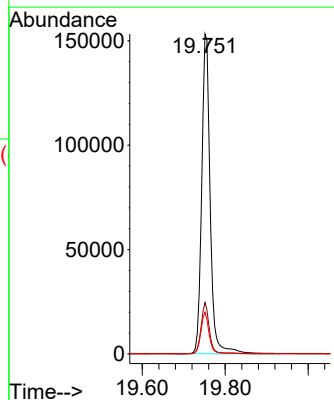
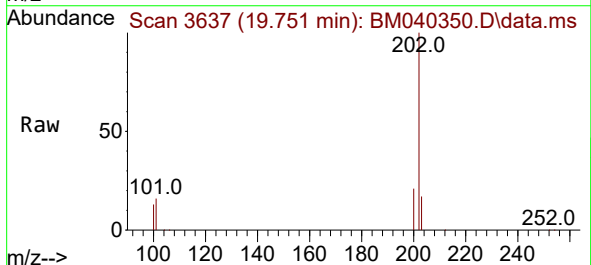
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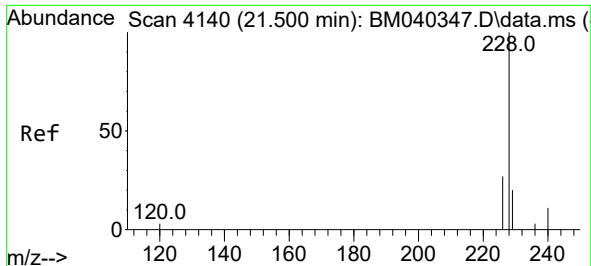
Tgt Ion:202 Resp: 214406
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.2 8.7 13.1



#20
Pyrene
Concen: 3.289 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:202 Resp: 218141
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 13.1 9.8 14.6

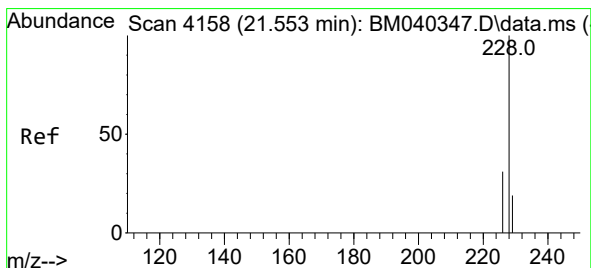
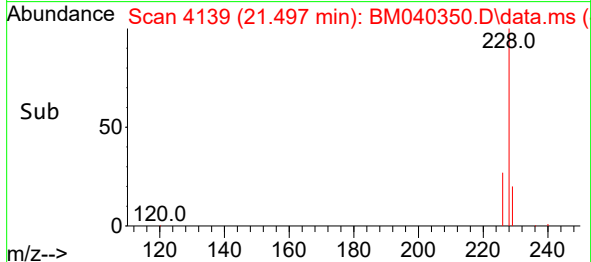
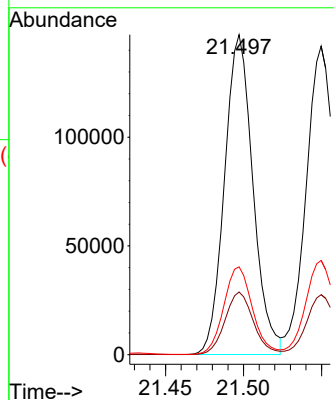
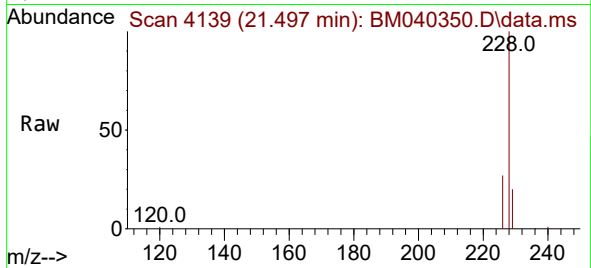




#21
Benzo(a)anthracene
Concen: 3.790 ng/ul
RT: 21.497 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

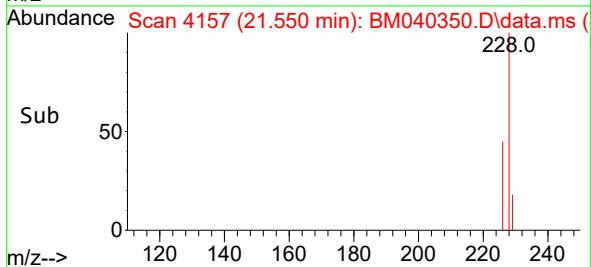
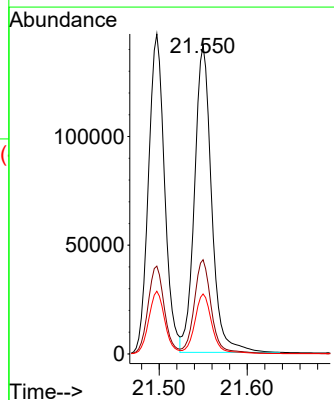
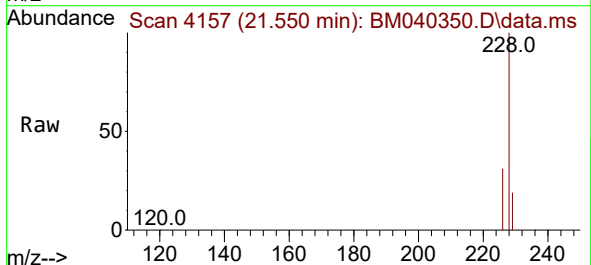
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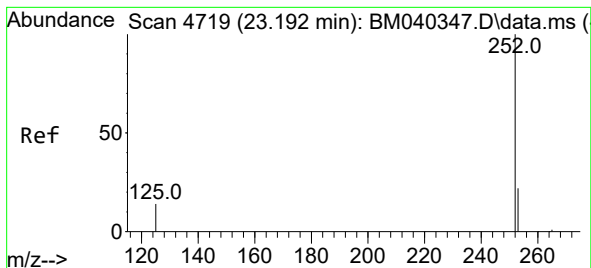
Tgt Ion:228 Resp: 186696
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.5 22.3 33.5



#22
Chrysene
Concen: 3.392 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:228 Resp: 190583
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 19.5 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 3.687 ng/ul

RT: 23.189 min Scan# 4719

Delta R.T. -0.003 min

Lab File: BM040350.D

Acq: 22 Jun 2023 15:59

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027

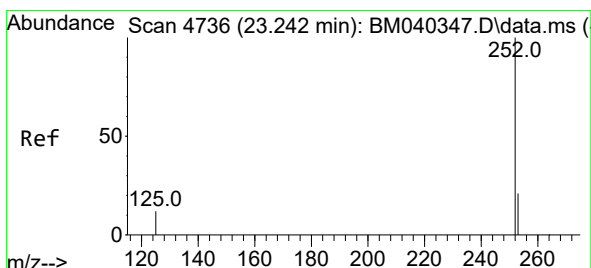
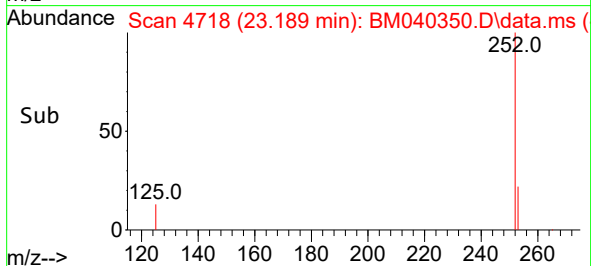
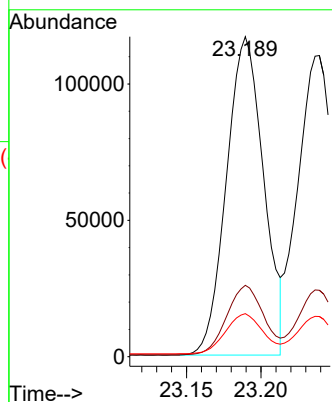
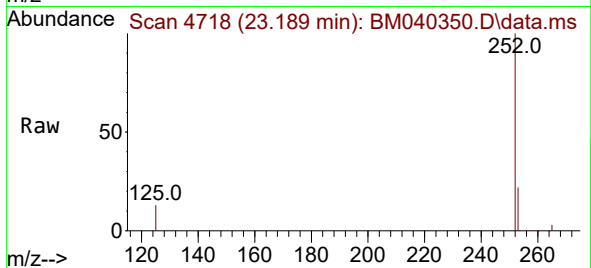
Tgt Ion:252 Resp: 202189

Ion Ratio Lower Upper

252 100

253 22.3 0.0 52.8

125 13.4 0.0 43.0



#25

Benzo(k)fluoranthene

Concen: 3.674 ng/ul

RT: 23.239 min Scan# 4735

Delta R.T. -0.003 min

Lab File: BM040350.D

Acq: 22 Jun 2023 15:59

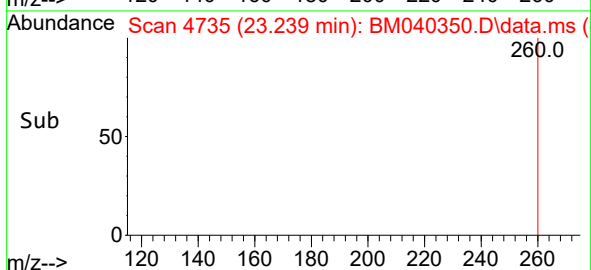
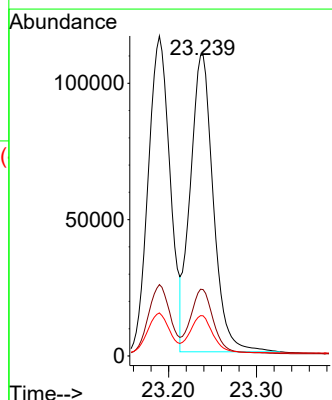
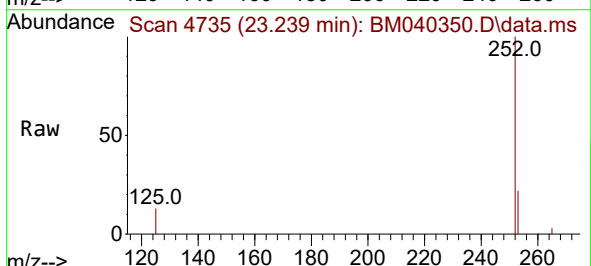
Tgt Ion:252 Resp: 198517

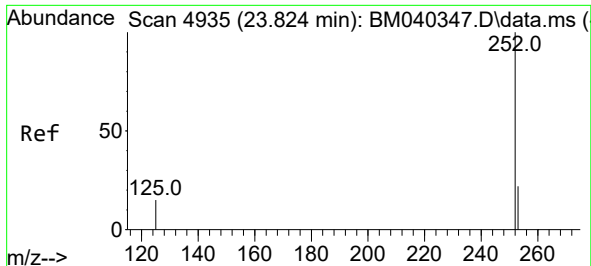
Ion Ratio Lower Upper

252 100

253 22.1 21.2 31.8

125 13.3 16.4 24.6#

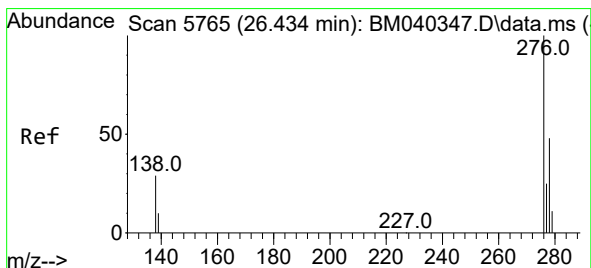
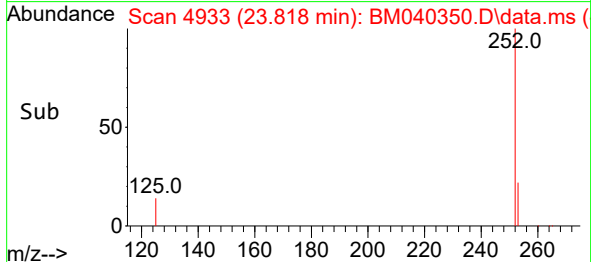
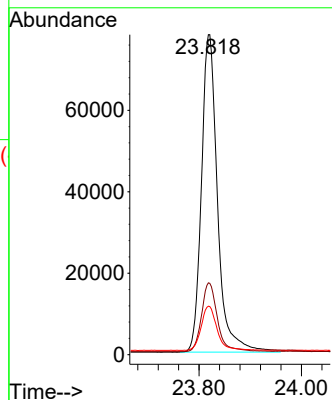
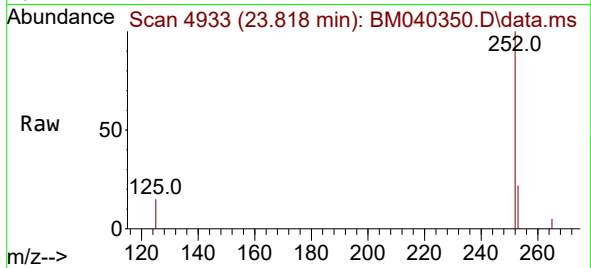




#26
Benzo(a)pyrene
Concen: 3.452 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

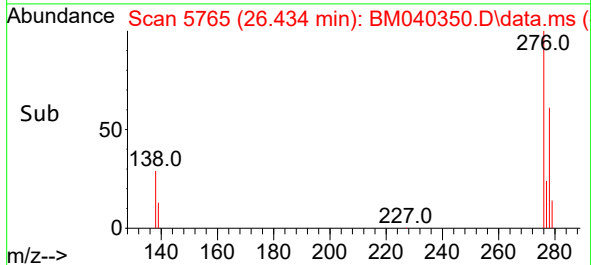
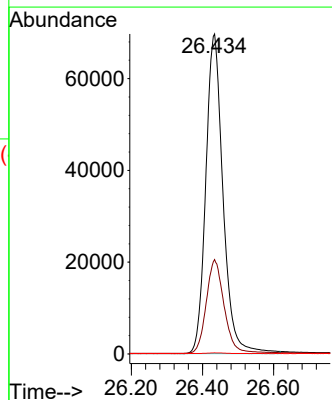
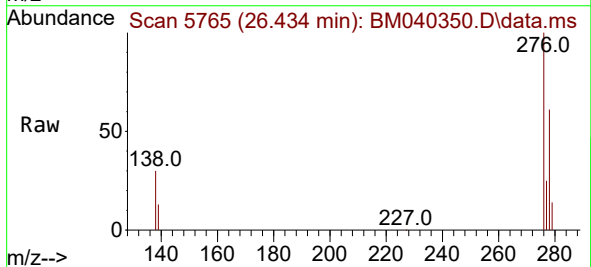
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

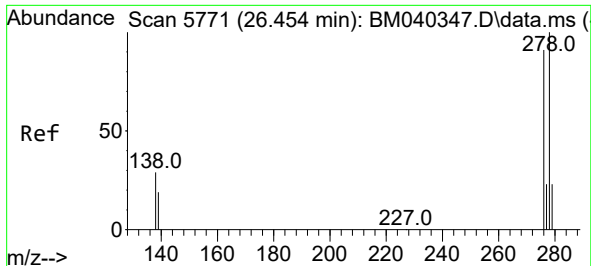
Tgt Ion:252 Resp: 170510
Ion Ratio Lower Upper
252 100
253 22.5 22.9 34.3#
125 15.2 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.409 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.000 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:276 Resp: 234534
Ion Ratio Lower Upper
276 100
138 30.4 24.5 36.7
227 0.2 0.1 0.1#

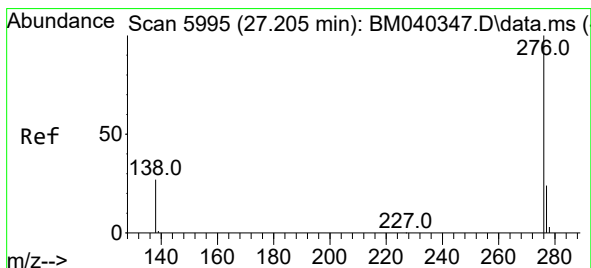
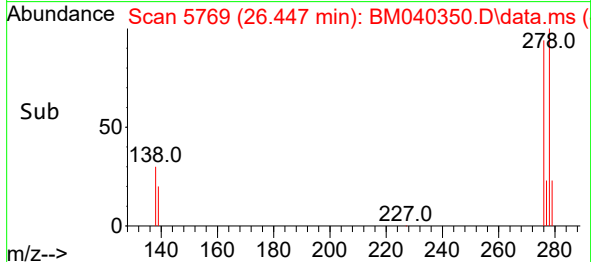
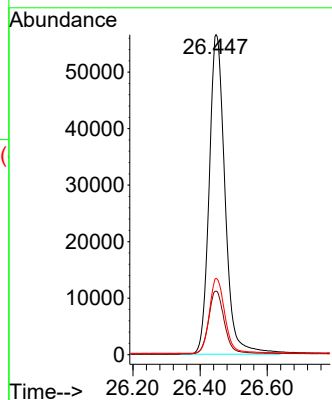
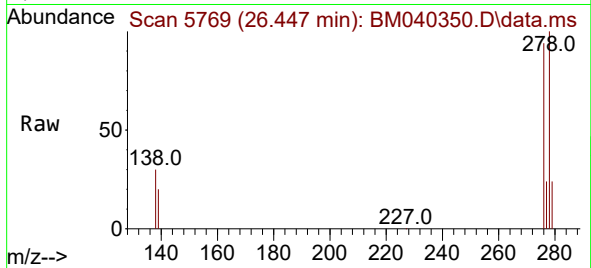




#28
Dibenzo(a,h)anthracene
Concen: 3.433 ng/ul
RT: 26.447 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:278 Resp: 184880
Ion Ratio Lower Upper
278 100
139 19.9 17.9 26.9
279 23.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 3.290 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040350.D
Acq: 22 Jun 2023 15:59

Tgt Ion:276 Resp: 198349
Ion Ratio Lower Upper
276 100
138 26.0 23.0 34.6
277 23.6 20.3 30.5

